Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062918\
Data File : VX003049.D
Acq On : 30 Jun 2018 00:43
Operator : JC/MD
Sample : J3668-03DL 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jun 30 02:34:08 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	272062	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	378536	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	355089	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	200403	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	177719	47.26	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.52%				
35) Dibromofluoromethane	5.51	113	144124	48.08	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.16%				
50) Toluene-d8	8.72	98	532937	48.68	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.36%				
62) 4-Bromofluorobenzene	11.14	95	186555	44.19	ug/l		0.00
Spiked Amount 50.000			Recovery = 88.38%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	361	Below Cal			82
3) Chloromethane	1.32	50	596	Below Cal		#	74
4) Vinyl Chloride	1.40	62	140537	45.68	ug/l		97
5) Bromomethane	1.65	94	1859	Below Cal			95
6) Chloroethane	1.71	64	231	Below Cal		#	43
10) Methyl Iodide	2.52	142	3846	7.33	ug/l	#	94
11) Tert butyl alcohol	3.07	59	335	0.45	ug/l	#	86
12) 1,1-Dichloroethene	2.38	96	1151	0.43	ug/l		81
13) Acrolein	2.30	56	342	5.04	ug/l	#	81
15) Acrylonitrile	3.15	53	799	0.50	ug/l	#	80
16) Acetone	2.45	43	1920	1.23	ug/l	#	75
17) Carbon Disulfide	2.57	76	2938	0.41	ug/l		99
20) Methylene Chloride	2.85	84	662	0.22	ug/l	#	65
21) trans-1,2-Dichloroethene	3.17	96	1924	0.66	ug/l		91
24) 1,1-Dichloroethane	3.70	63	7691	1.40	ug/l		98
25) 2-Butanone	4.71	43	609	0.26	ug/l		97
27) cis-1,2-Dichloroethene	4.60	96	532880	162.63	ug/l		82
29) Tetrahydrofuran	5.18	42	1445	0.97	ug/l	#	84
36) 1,1-Dichloropropene	5.67	75	18117	4.36	ug/l	#	51
38) Carbon Tetrachloride	5.67	117	24769	5.44	ug/l	#	16
40) Benzene	6.15	78	3786	0.31	ug/l		98
44) Trichloroethene	7.21	130	3959	1.10	ug/l		93
49) 1,4-Dioxane	7.77	88	102	1.36	ug/l	#	1
65) Chlorobenzene	10.14	112	34168	3.79	ug/l		93
76) 1,2,3-Trichloropropane	11.14	75	96442	26.57	ug/l	#	33
81) trans-1,4-Dichloro-2-buten	11.14	75	96442	75.26	ug/l	#	7
87) 1,3-Dichlorobenzene	12.03	146	2062	0.29	ug/l		93
88) 1,4-Dichlorobenzene	12.03	146	2062	0.29	ug/l		93
91) 1,2-Dichlorobenzene	12.40	146	3332	0.47	ug/l		94
93) 1,2,4-Trichlorobenzene	13.65	180	1270	0.25	ug/l		95
94) Hexachlorobutadiene	13.78	225	515	0.20	ug/l		81
96) 1,2,3-Trichlorobenzene	14.02	180	1121	0.22	ug/l		88

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062918\
Data File : VX003049.D
Acq On : 30 Jun 2018 00:43
Operator : JC/MD
Sample : J3668-03DL 20X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 30 02:34:08 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

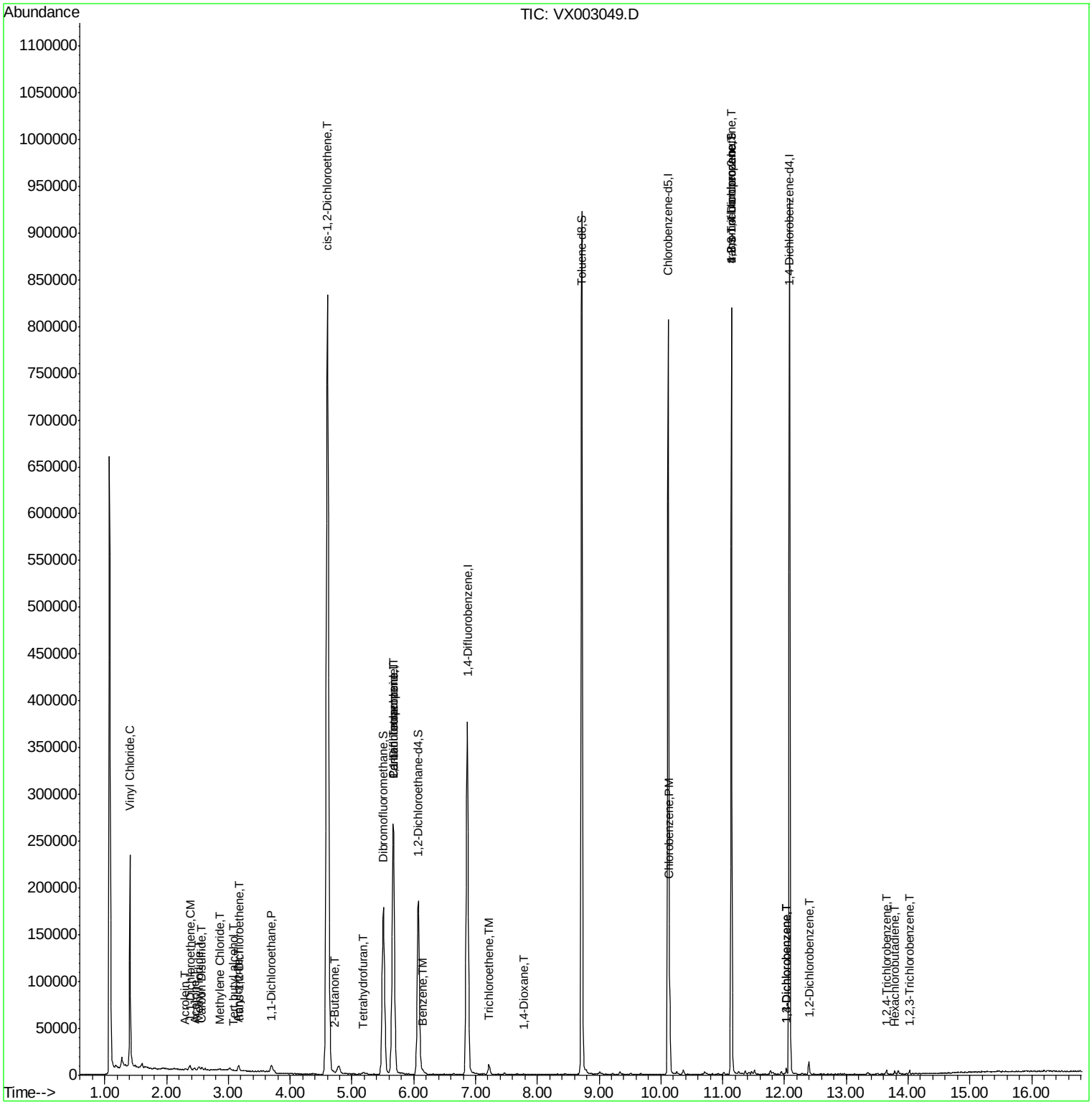
(#) = qualifier out of range (m) = manual integration (+) = signals summed

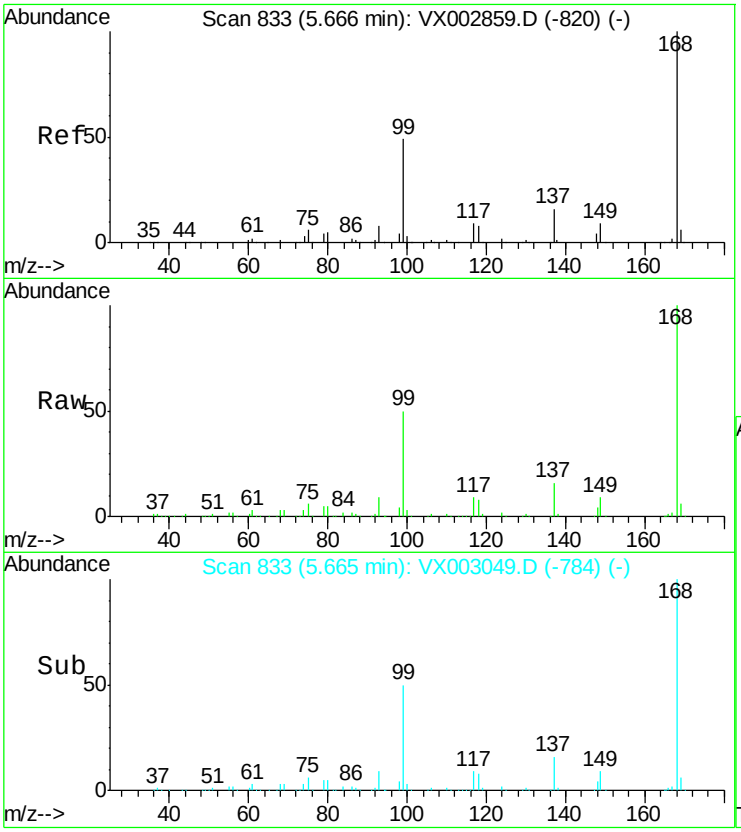
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062918\
Data File : VX003049.D
Acq On : 30 Jun 2018 00:43
Operator : JC/MD
Sample : J3668-03DL 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 30 02:34:08 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration



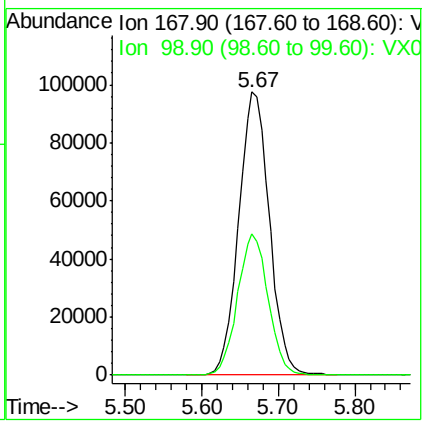


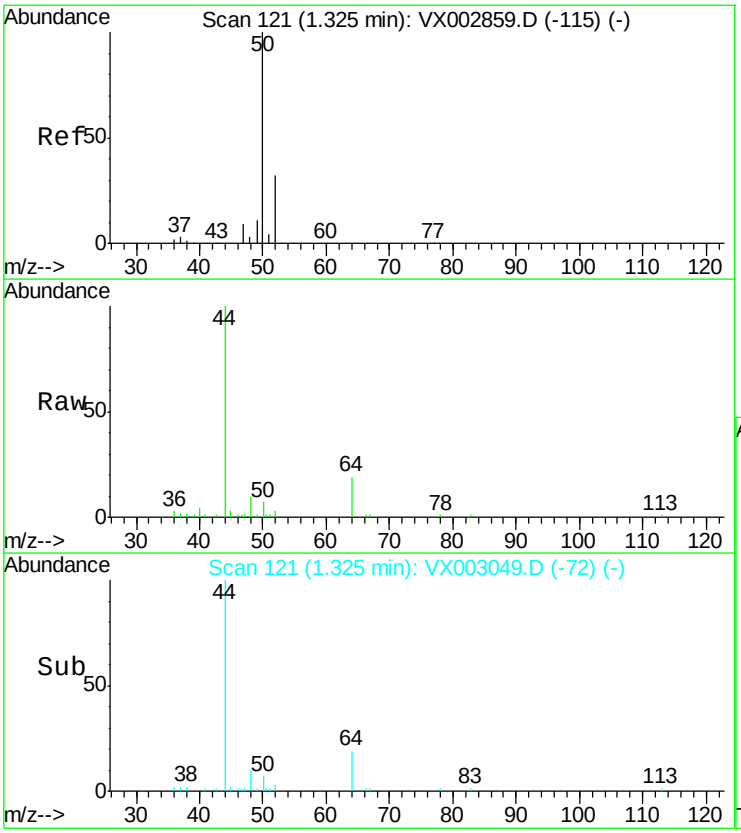
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX003049.D
Acq: 30 Jun 2018 00:43

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 272062

Ion	Ratio	Lower	Upper
168	100		
99	49.9	39.3	58.9

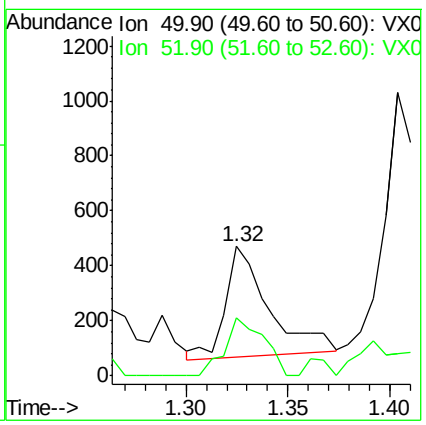


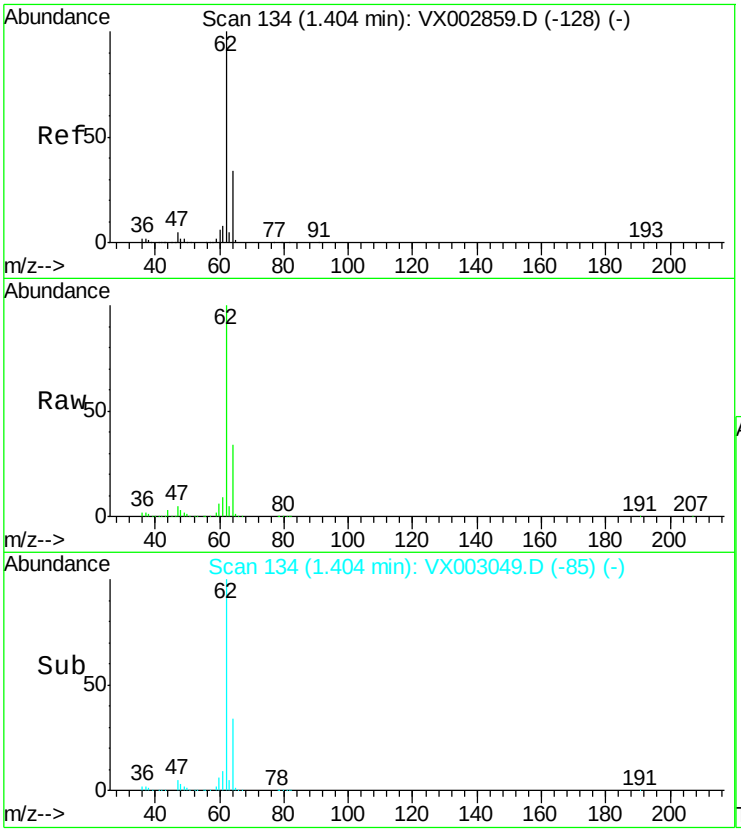


#3
Chloromethane
Concen: Below Cal
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX003049.D
Acq: 30 Jun 2018 00:43

Tgt Ion: 50 Resp: 596

Ion	Ratio	Lower	Upper
50	100		
52	46.7	25.7	38.5#



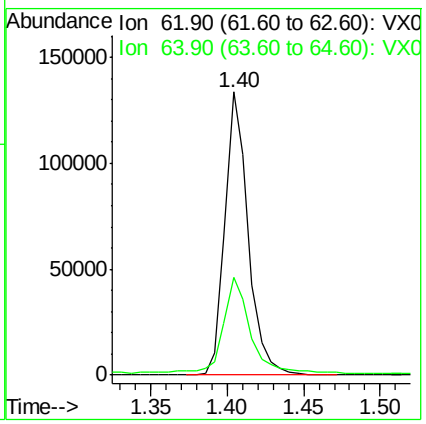


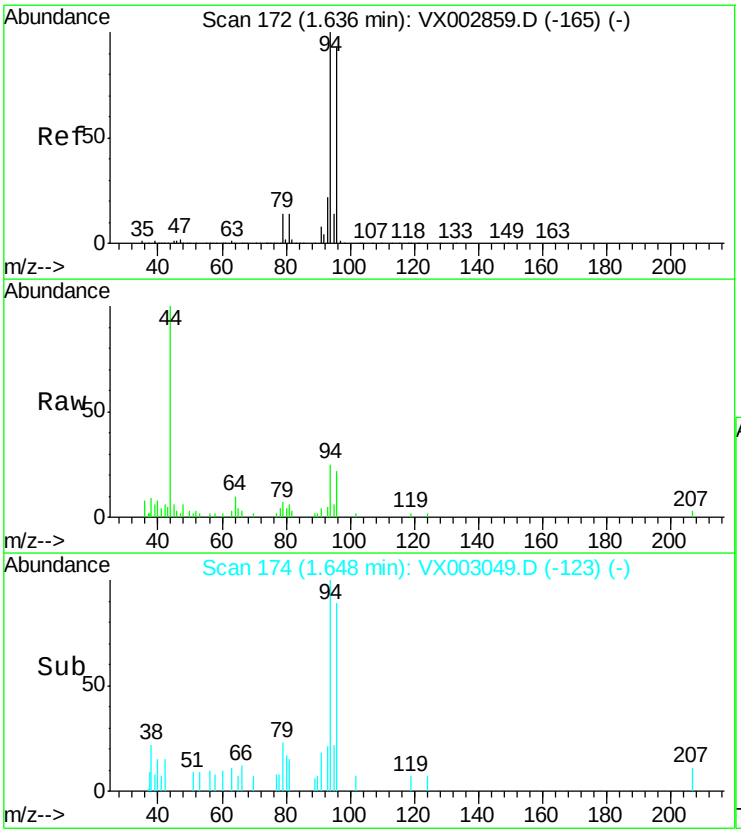
#4
Vinyl Chloride
Concen: 45.68 ug/l
RT: 1.40 min Scan# 134
Delta R.T. -0.00 min
Lab File: VX003049.D
Acq: 30 Jun 2018 00:43

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 62 Resp: 140537

Ion	Ratio	Lower	Upper
62	100		
64	33.5	25.4	38.2

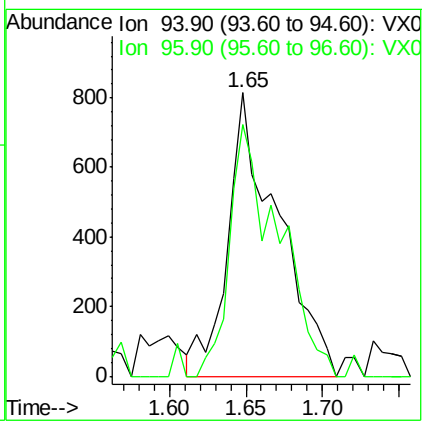


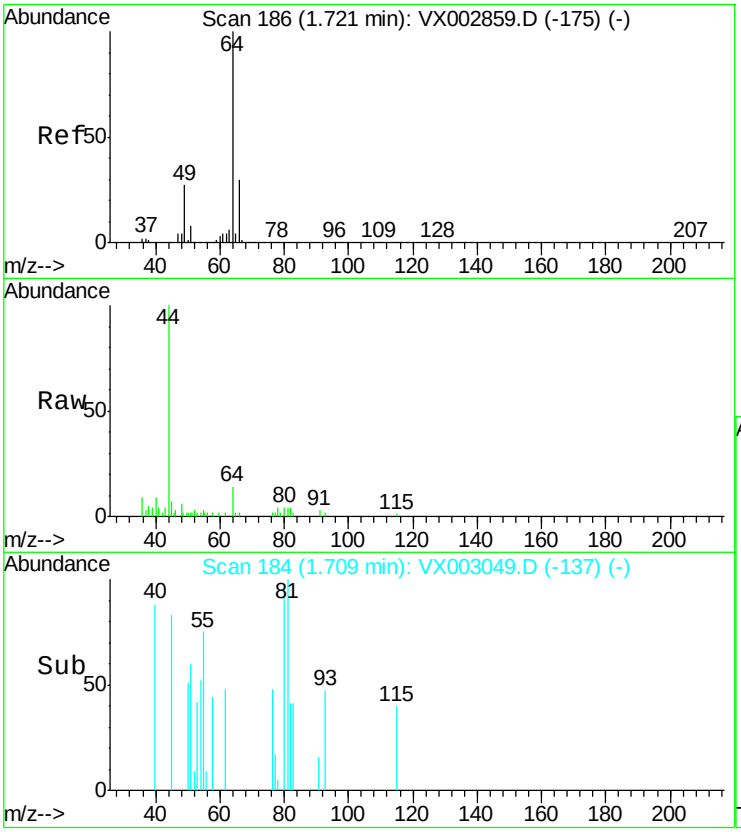


#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 174
Delta R.T. 0.01 min
Lab File: VX003049.D
Acq: 30 Jun 2018 00:43

Tgt Ion: 94 Resp: 1859

Ion	Ratio	Lower	Upper
94	100		
96	89.1	74.9	112.3



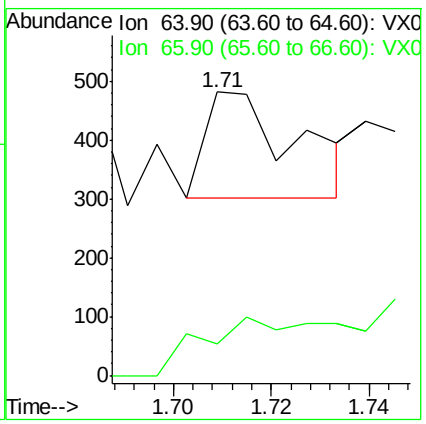


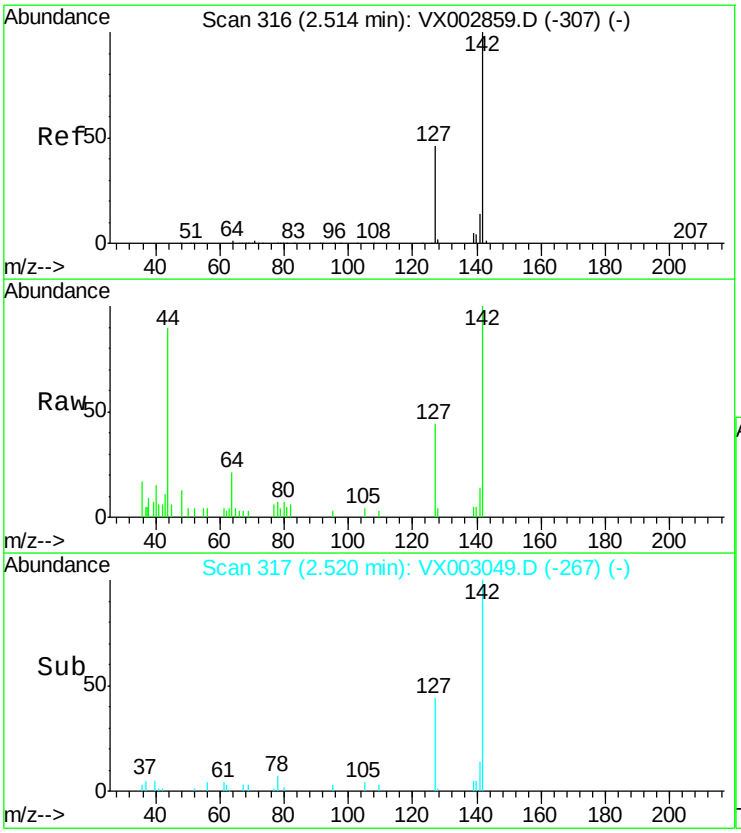
#6
Chloroethane
Concen: Below Cal
RT: 1.71 min Scan# 184
Delta R.T. -0.01 min
Lab File: VX003049.D
Acq: 30 Jun 2018 00:43

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 64 Resp: 231

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.5	38.3#

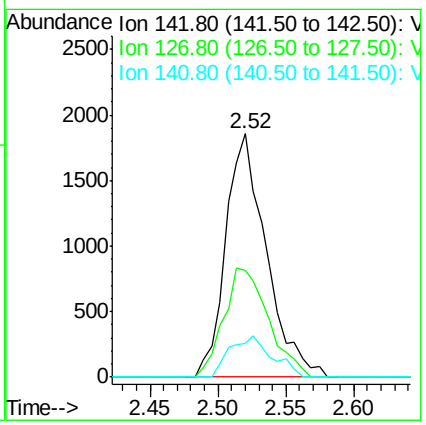


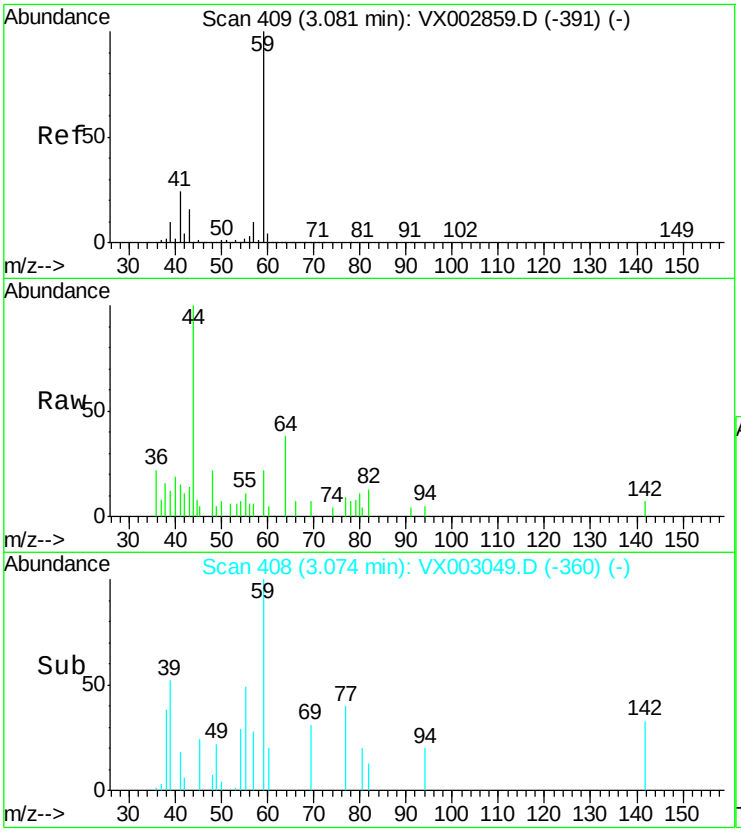


#10
Methyl Iodide
Concen: 7.33 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX003049.D
Acq: 30 Jun 2018 00:43

Tgt Ion:142 Resp: 3846

Ion	Ratio	Lower	Upper
142	100		
127	49.3	36.6	55.0
141	17.7	11.3	16.9#



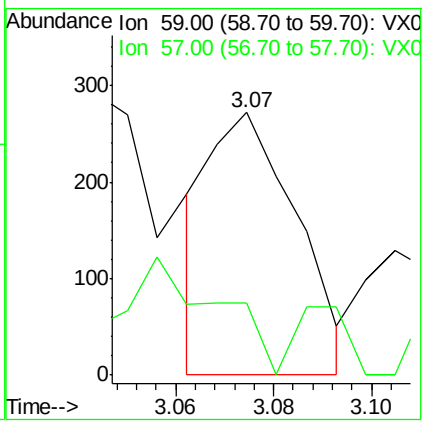


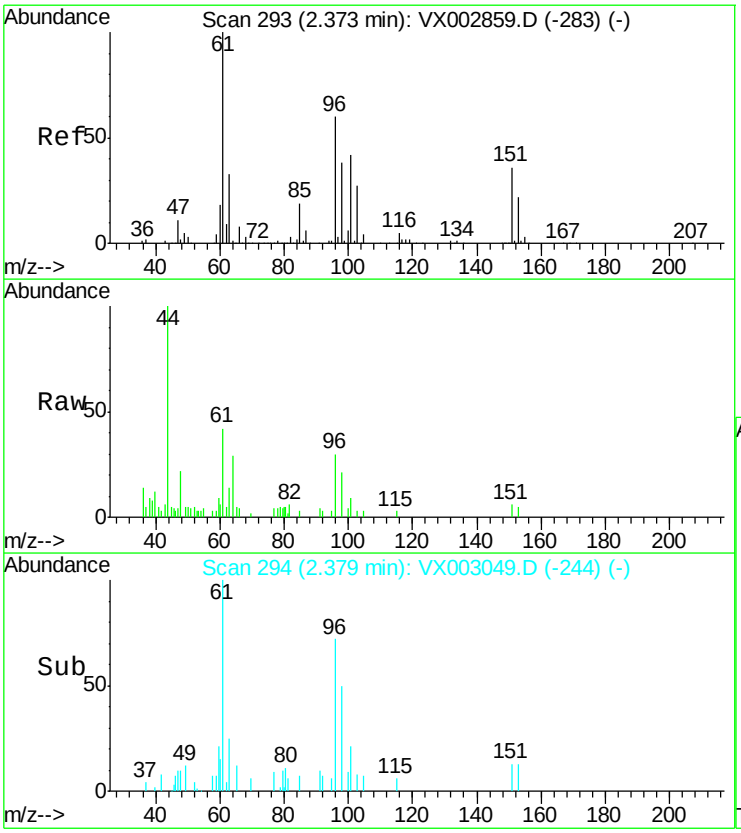
#11
Tert butyl alcohol
Concen: 0.45 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX003049.D
Acq: 30 Jun 2018 00:43

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 335

Ion	Ratio	Lower	Upper
59	100		
57	15.5	8.2	12.2#

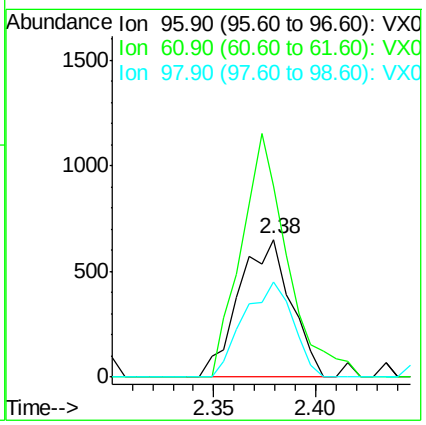


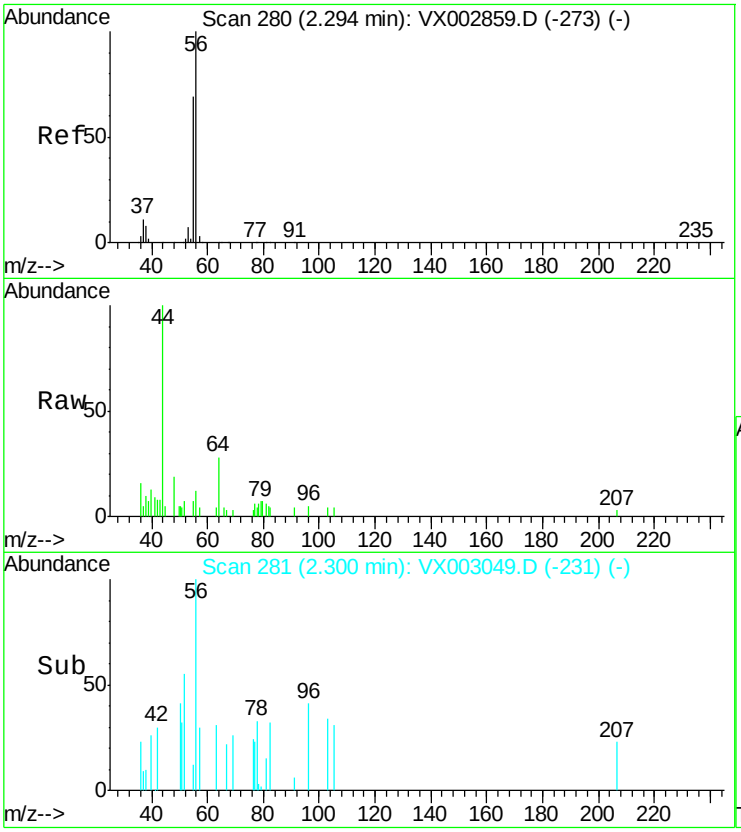


#12
1,1-Dichloroethene
Concen: 0.43 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.01 min
Lab File: VX003049.D
Acq: 30 Jun 2018 00:43

Tgt Ion: 96 Resp: 1151

Ion	Ratio	Lower	Upper
96	100		
61	139.1	137.9	206.9
98	69.3	51.6	77.4



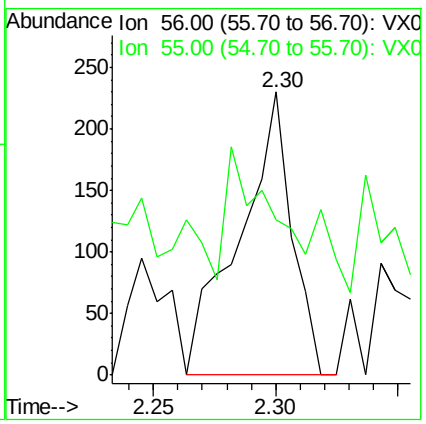


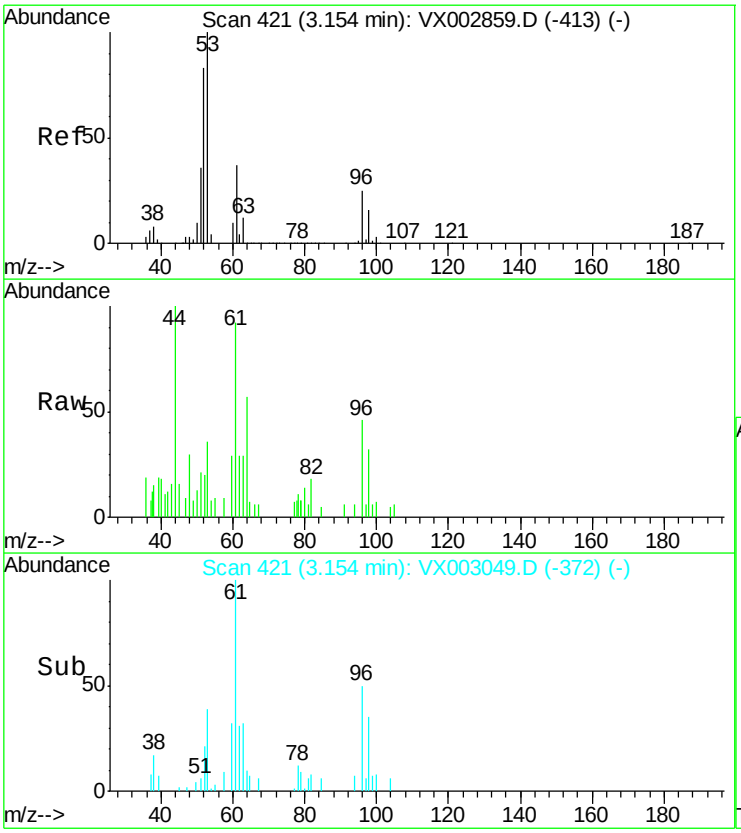
#13
Acrolein
Concen: 5.04 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.01 min
Lab File: VX003049.D
Acq: 30 Jun 2018 00:43

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 342

Ion	Ratio	Lower	Upper
56	100		
55	86.8	57.0	85.4#

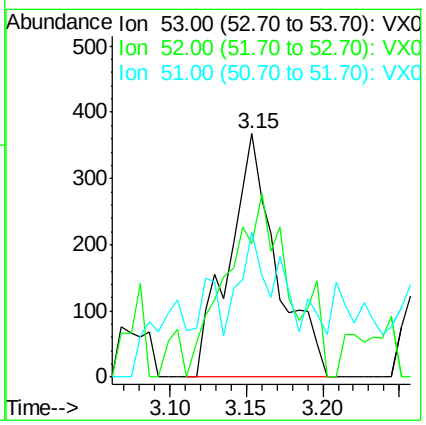


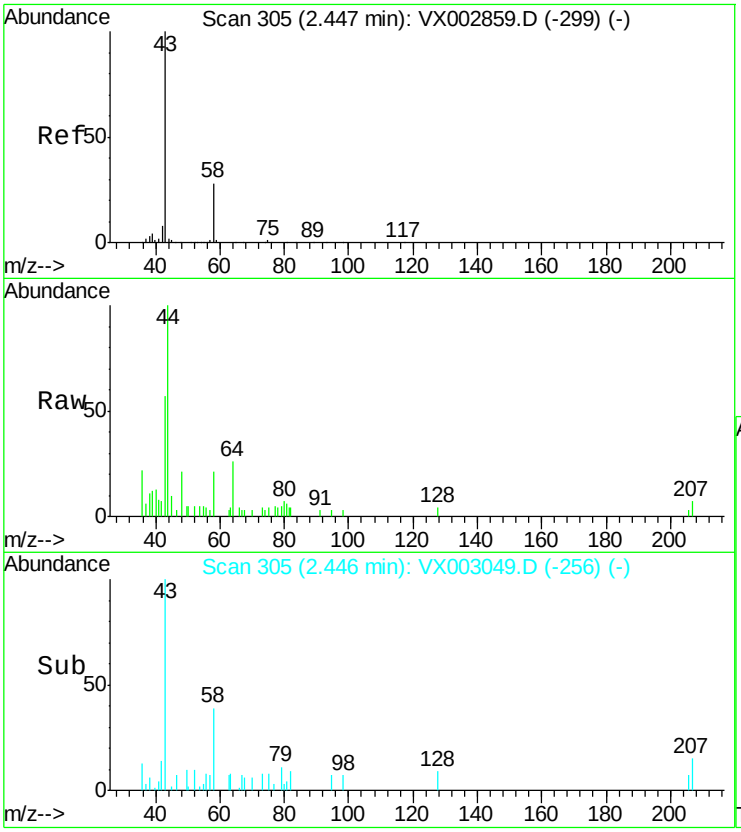


#15
Acrylonitrile
Concen: 0.50 ug/l
RT: 3.15 min Scan# 421
Delta R.T. -0.00 min
Lab File: VX003049.D
Acq: 30 Jun 2018 00:43

Tgt Ion: 53 Resp: 799

Ion	Ratio	Lower	Upper
53	100		
52	98.6	66.7	100.1
51	21.2	29.9	44.9#



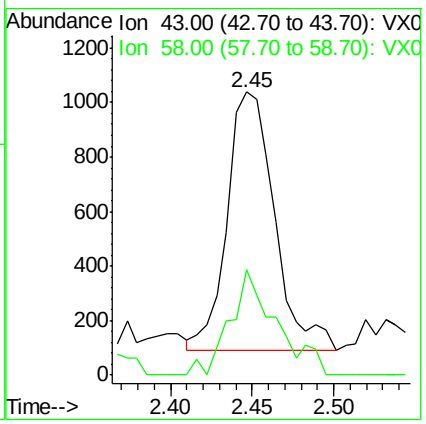


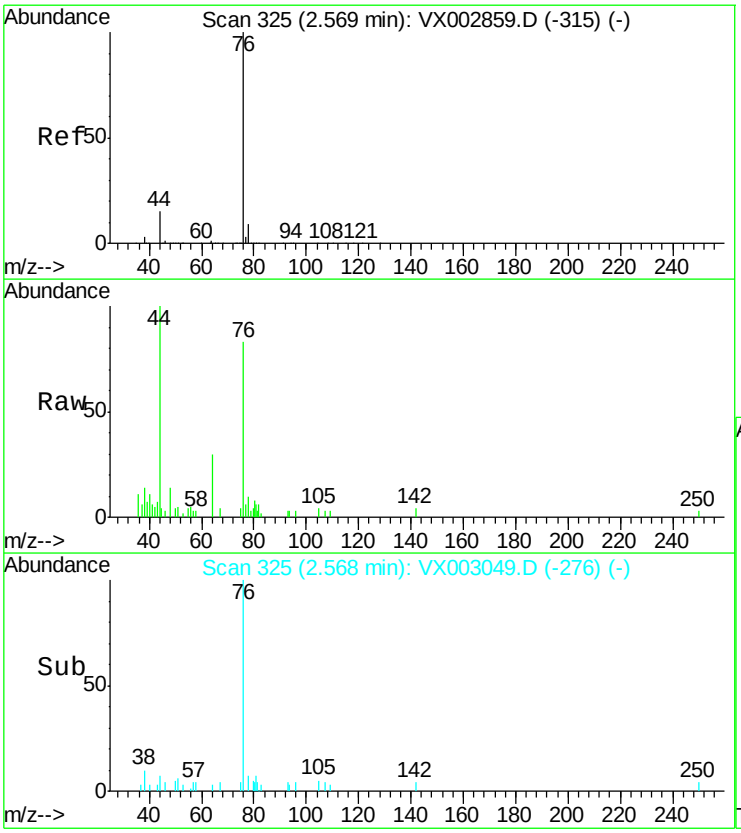
#16
Acetone
Concen: 1.23 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.00 min
Lab File: VX003049.D
Acq: 30 Jun 2018 00:43

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 1920

Ion	Ratio	Lower	Upper
43	100		
58	40.7	22.1	33.1#

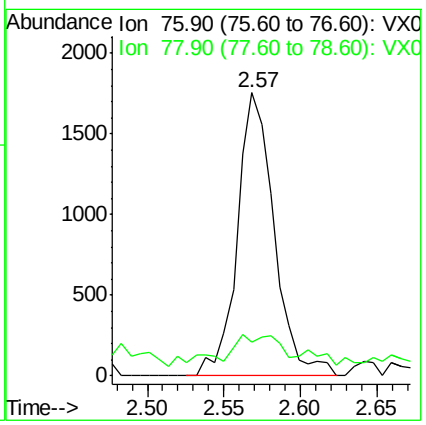


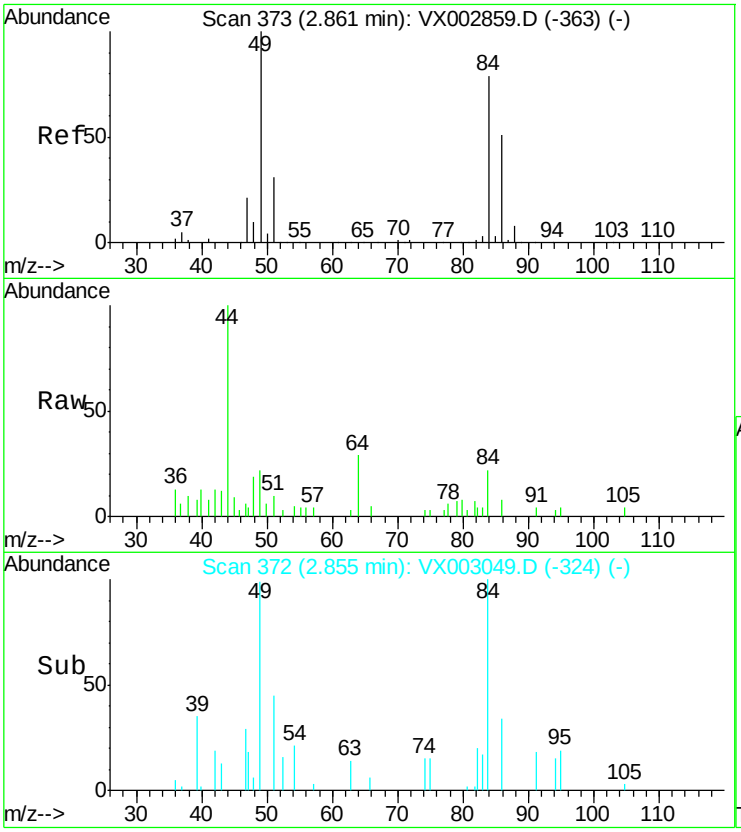


#17
Carbon Disulfide
Concen: 0.41 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX003049.D
Acq: 30 Jun 2018 00:43

Tgt Ion: 76 Resp: 2938

Ion	Ratio	Lower	Upper
76	100		
78	8.4	6.9	10.3



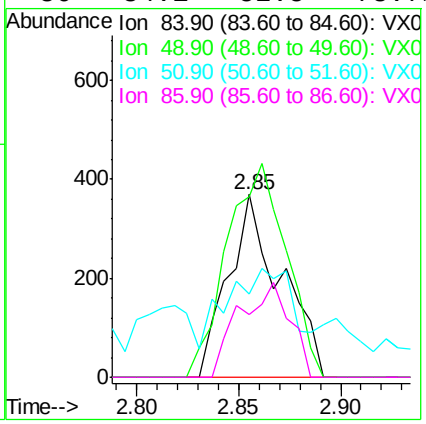


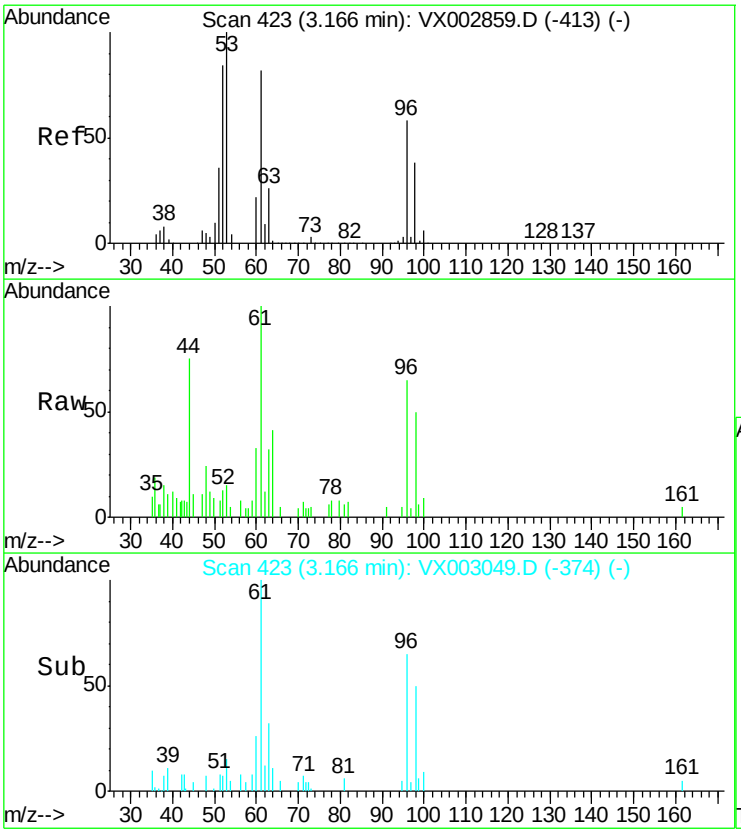
#20
Methylene Chloride
Concen: 0.22 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX003049.D
Acq: 30 Jun 2018 00:43

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 662

Ion	Ratio	Lower	Upper
84	100		
49	98.9	107.8	161.6#
51	13.2	32.8	49.2#
86	34.1	52.5	78.7#

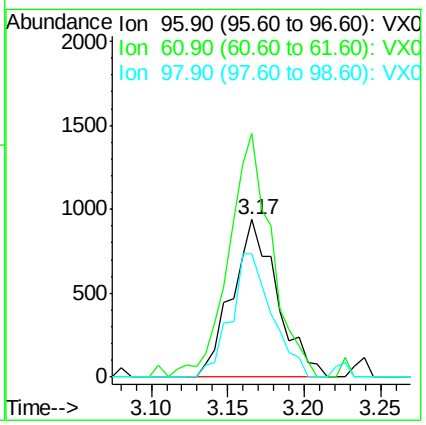


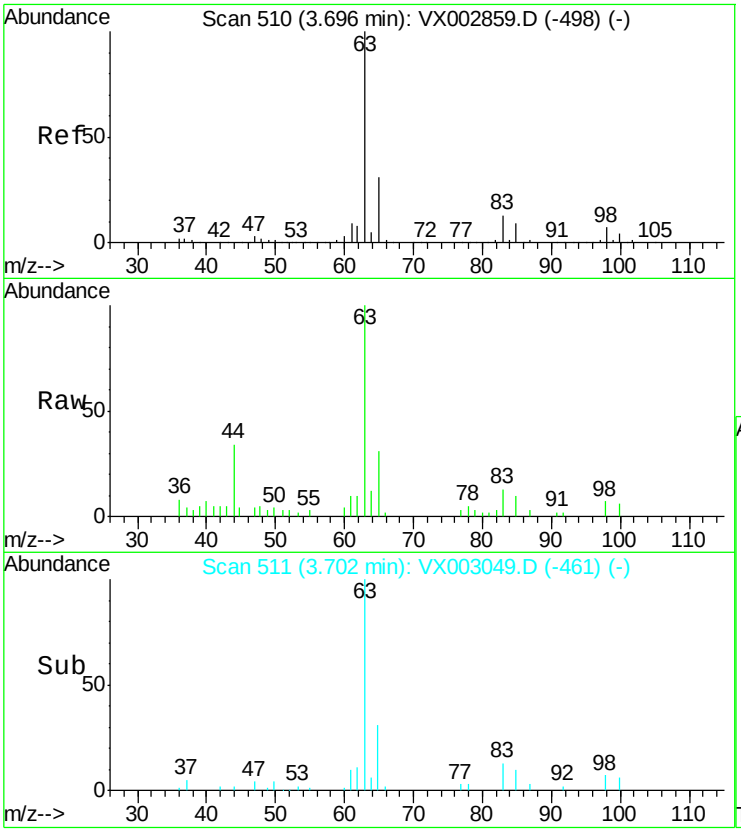


#21
trans-1,2-Dichloroethene
Concen: 0.66 ug/l
RT: 3.17 min Scan# 423
Delta R.T. -0.00 min
Lab File: VX003049.D
Acq: 30 Jun 2018 00:43

Tgt Ion: 96 Resp: 1924

Ion	Ratio	Lower	Upper
96	100		
61	154.4	117.0	175.4
98	77.9	52.4	78.6



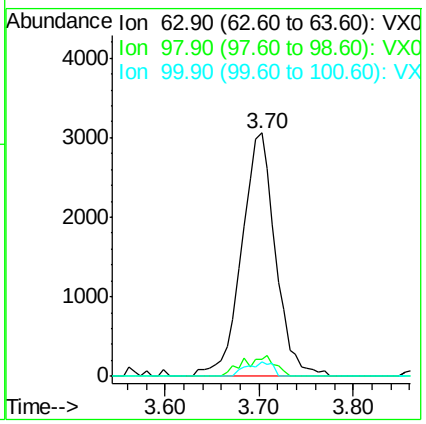


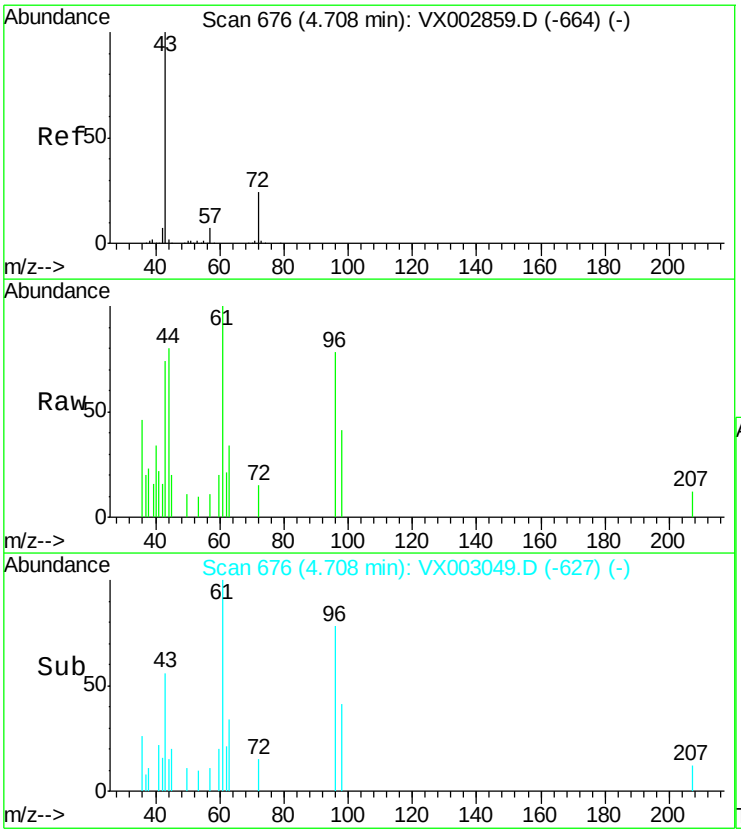
#24
1,1-Dichloroethane
Concen: 1.40 ug/l
RT: 3.70 min Scan# 511
Delta R.T. 0.01 min
Lab File: VX003049.D
Acq: 30 Jun 2018 00:43

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 63 Resp: 7691

Ion	Ratio	Lower	Upper
63	100		
98	6.8	3.4	10.2
100	5.7	2.0	6.0

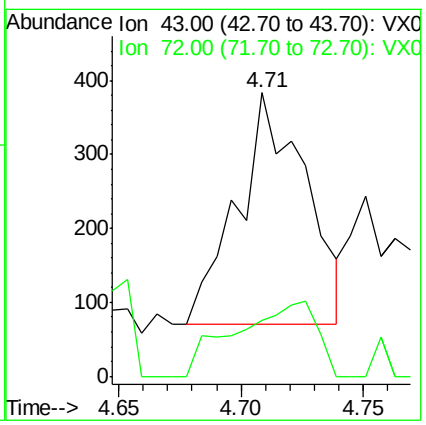


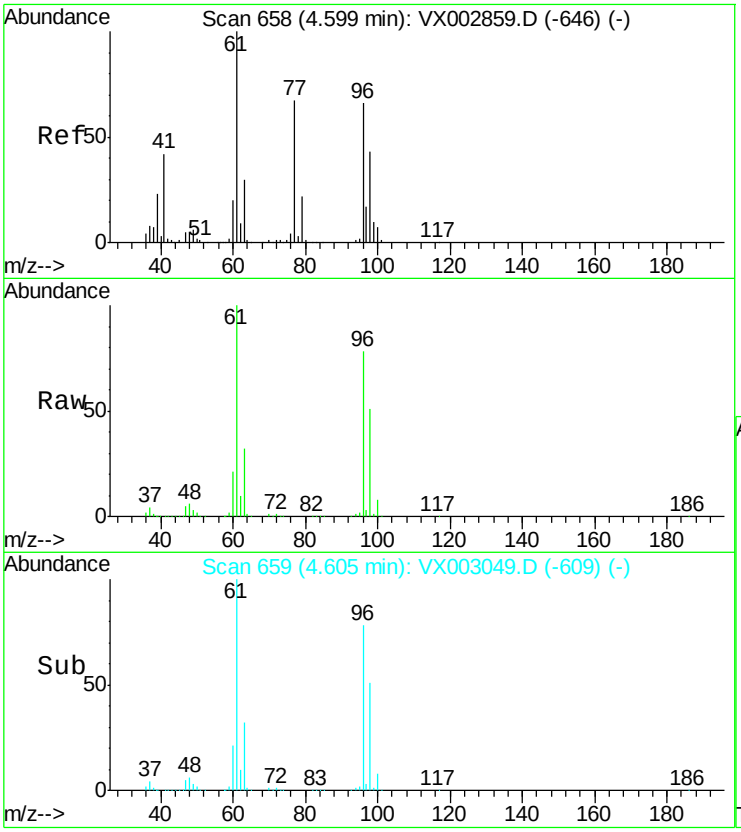


#25
2-Butanone
Concen: 0.26 ug/l
RT: 4.71 min Scan# 676
Delta R.T. -0.00 min
Lab File: VX003049.D
Acq: 30 Jun 2018 00:43

Tgt Ion: 43 Resp: 609

Ion	Ratio	Lower	Upper
43	100		
72	24.4	18.5	27.7



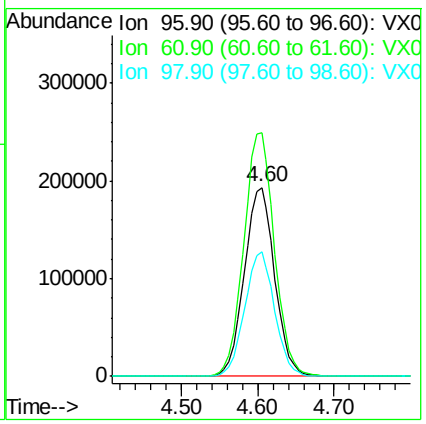


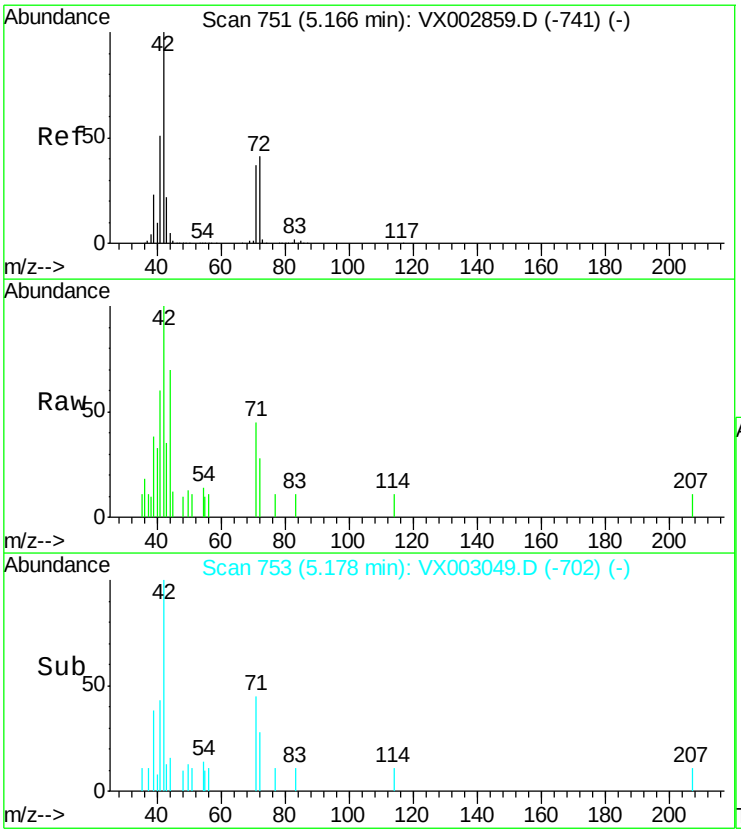
#27
cis-1,2-Dichloroethene
Concen: 162.63 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX003049.D
Acq: 30 Jun 2018 00:43

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 96 Resp: 532880

Ion	Ratio	Lower	Upper
96	100		
61	130.7	0.0	330.2
98	64.9	0.0	130.2

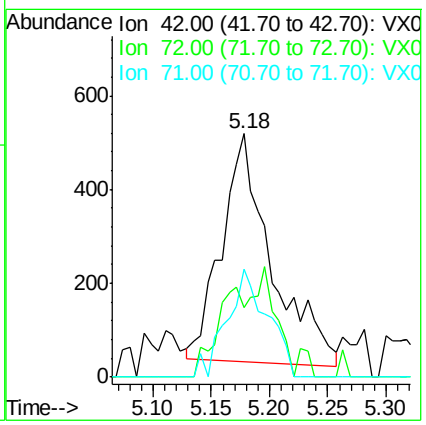


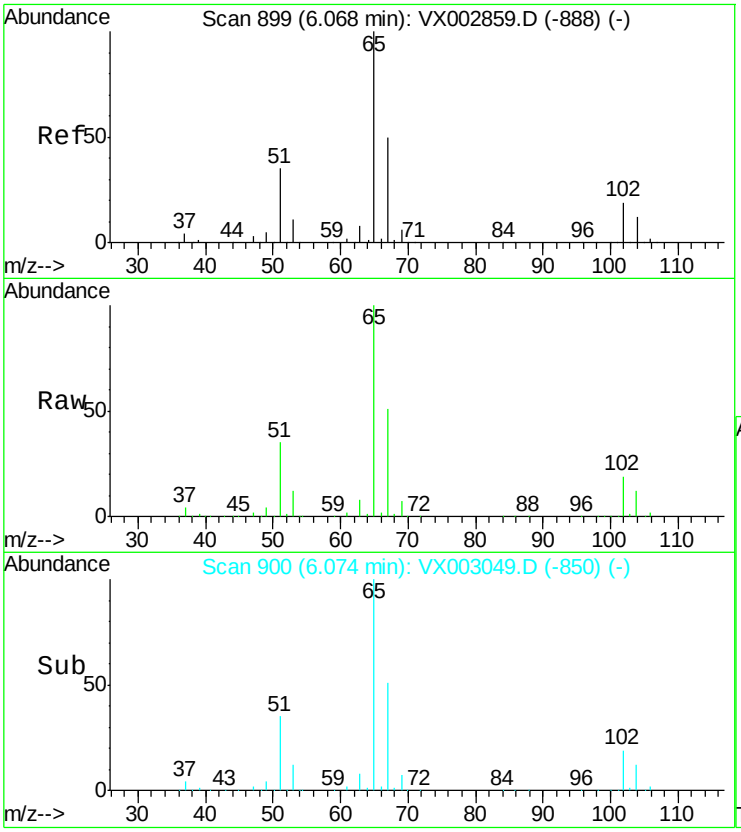


#29
Tetrahydrofuran
Concen: 0.97 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.01 min
Lab File: VX003049.D
Acq: 30 Jun 2018 00:43

Tgt Ion: 42 Resp: 1445

Ion	Ratio	Lower	Upper
42	100		
72	21.9	32.0	48.0#
71	38.5	30.1	45.1



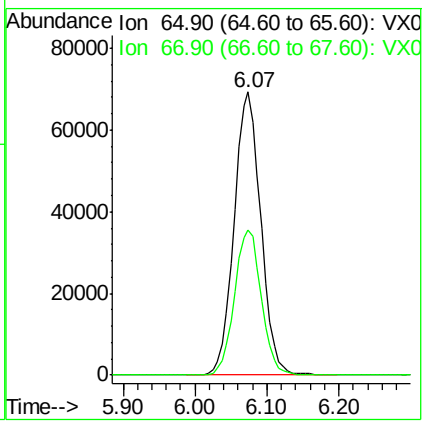


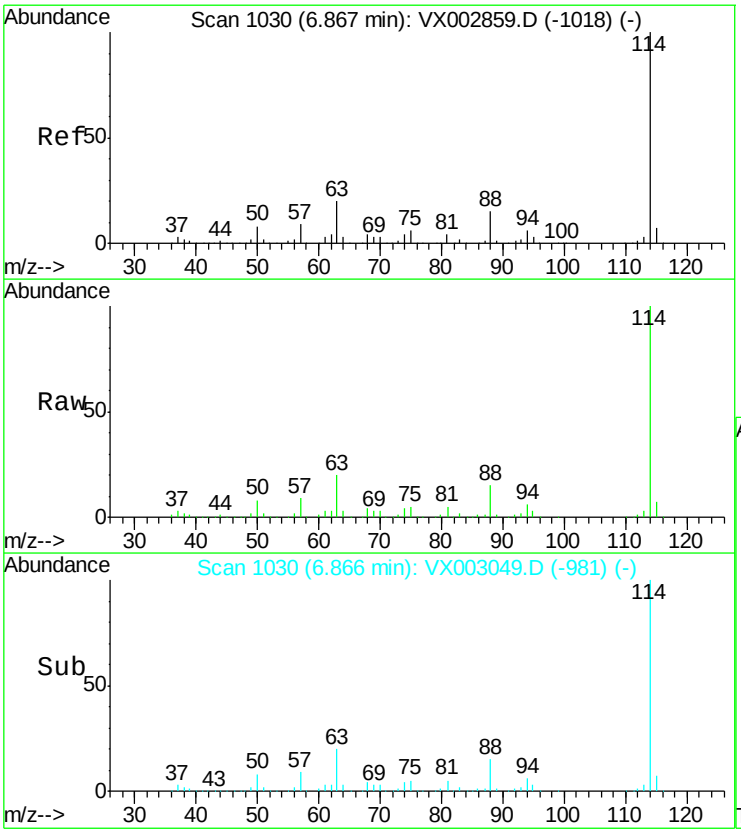
#33
1,2-Dichloroethane-d4
Concen: 47.26 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.01 min
Lab File: VX003049.D
Acq: 30 Jun 2018 00:43

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 177719

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	102.6

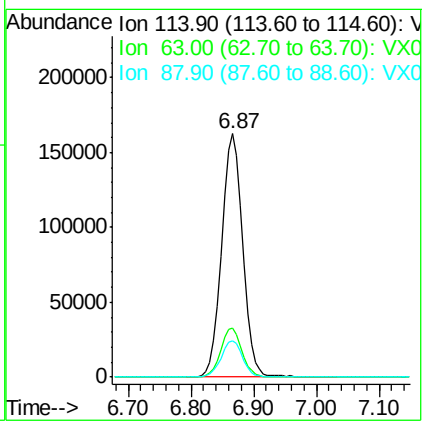


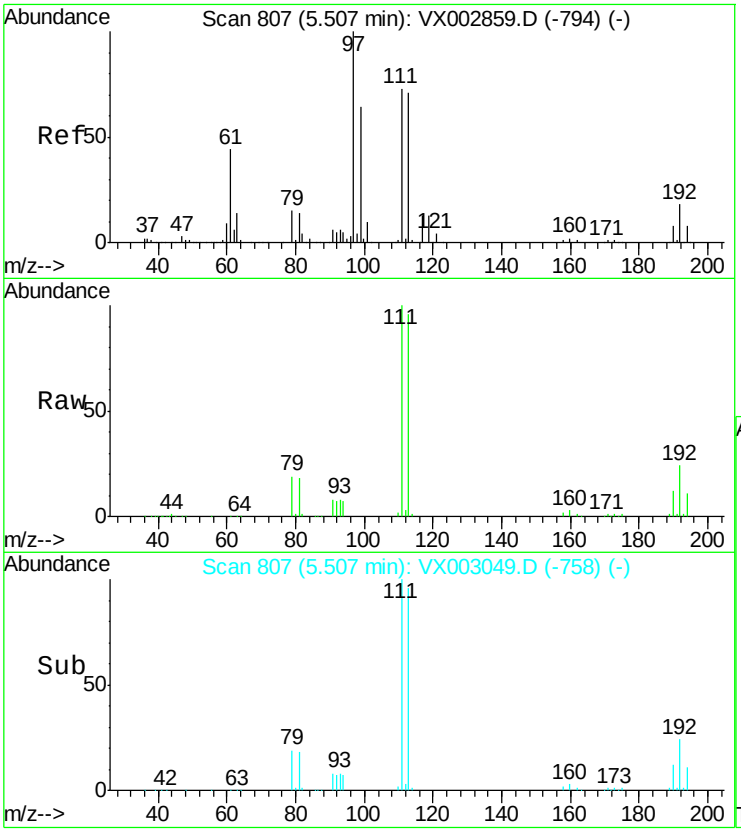


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX003049.D
Acq: 30 Jun 2018 00:43

Tgt Ion:114 Resp: 378536

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	41.4
88	15.0	0.0	30.0



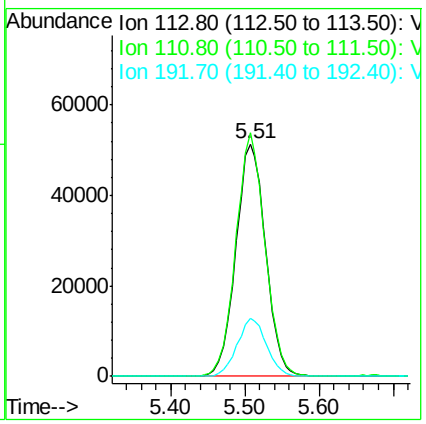


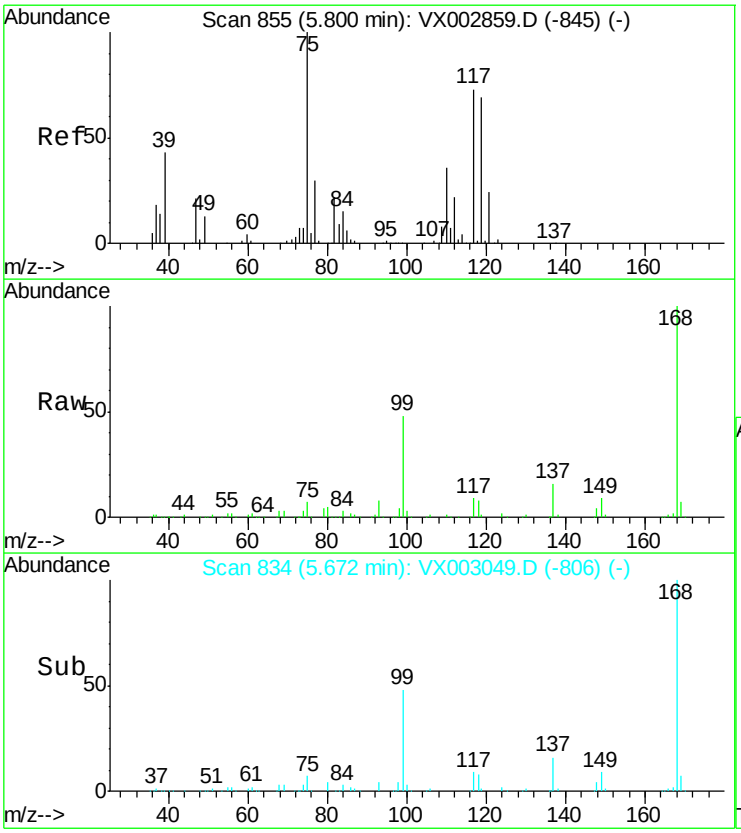
#35
Dibromofluoromethane
Concen: 48.08 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX003049.D
Acq: 30 Jun 2018 00:43

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 144124

Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.4	122.0
192	24.6	19.1	28.7

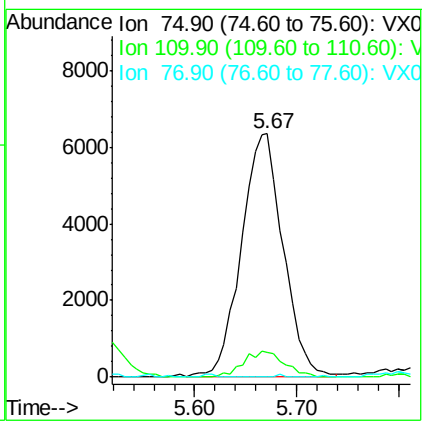


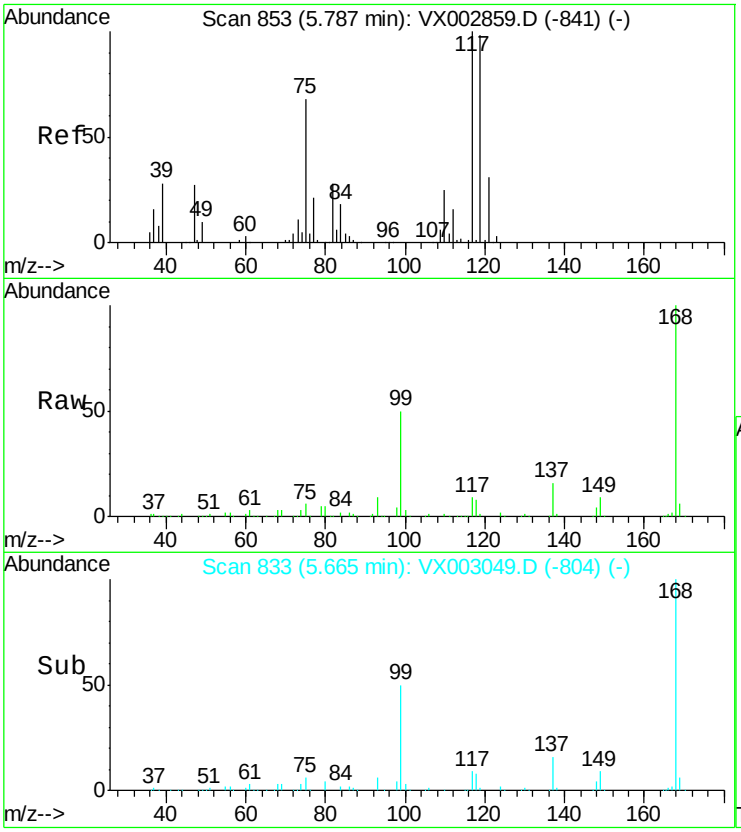


#36
1,1-Dichloropropene
Concen: 4.36 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.13 min
Lab File: VX003049.D
Acq: 30 Jun 2018 00:43

Tgt Ion: 75 Resp: 18117

Ion	Ratio	Lower	Upper
75	100		
110	10.3	18.1	54.4#
77	0.2	24.3	36.5#



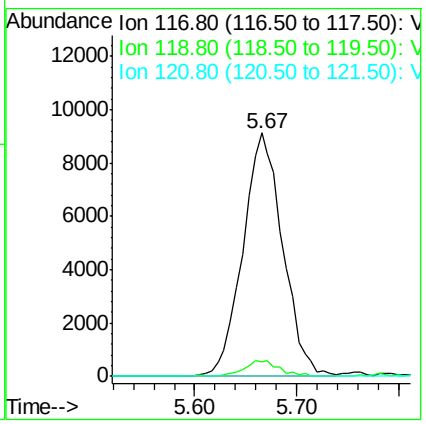


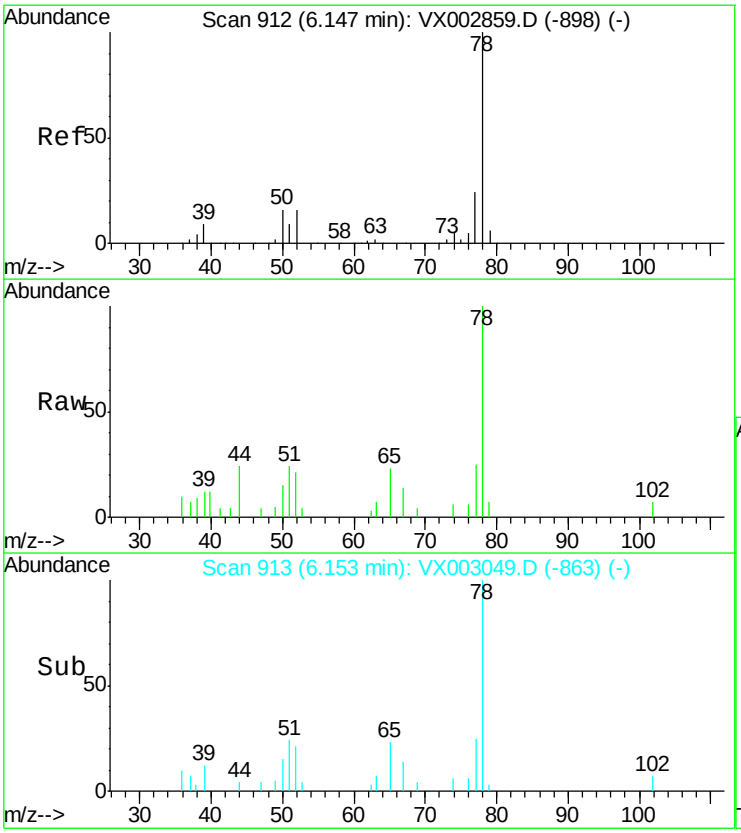
#38
Carbon Tetrachloride
Concen: 5.44 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX003049.D
Acq: 30 Jun 2018 00:43

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 24769

Ion	Ratio	Lower	Upper
117	100		
119	5.7	77.4	116.0#
121	0.0	24.4	36.6#

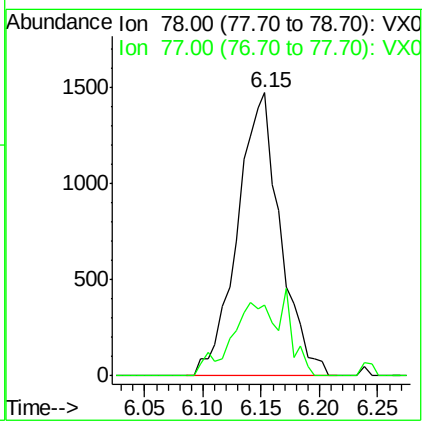


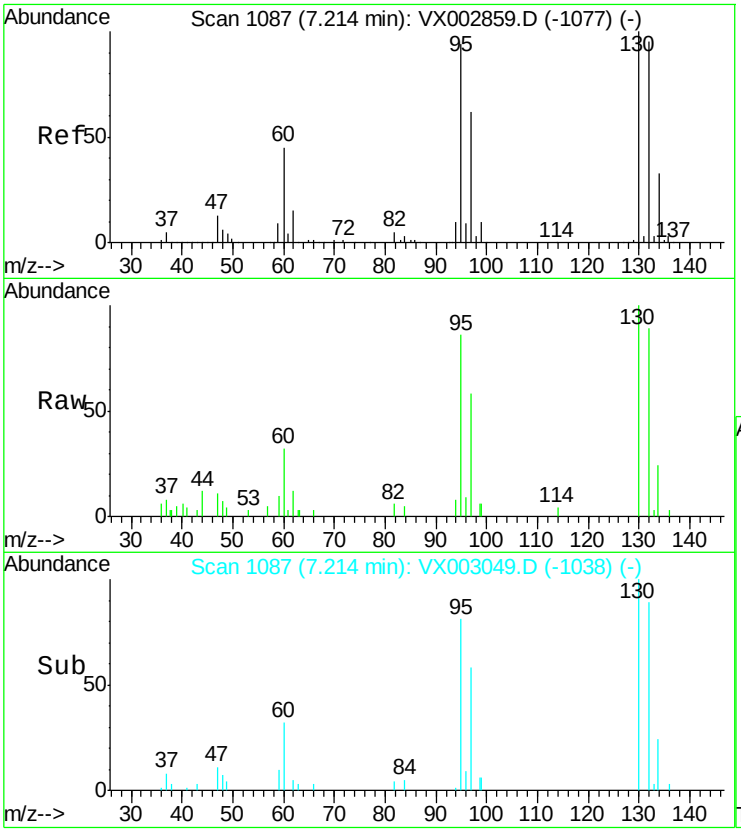


#40
Benzene
Concen: 0.31 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.01 min
Lab File: VX003049.D
Acq: 30 Jun 2018 00:43

Tgt Ion: 78 Resp: 3786

Ion	Ratio	Lower	Upper
78	100		
77	24.8	19.1	28.7



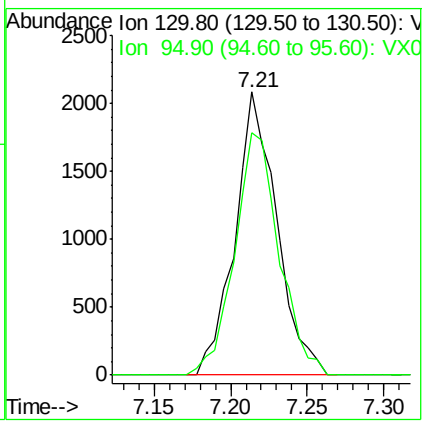


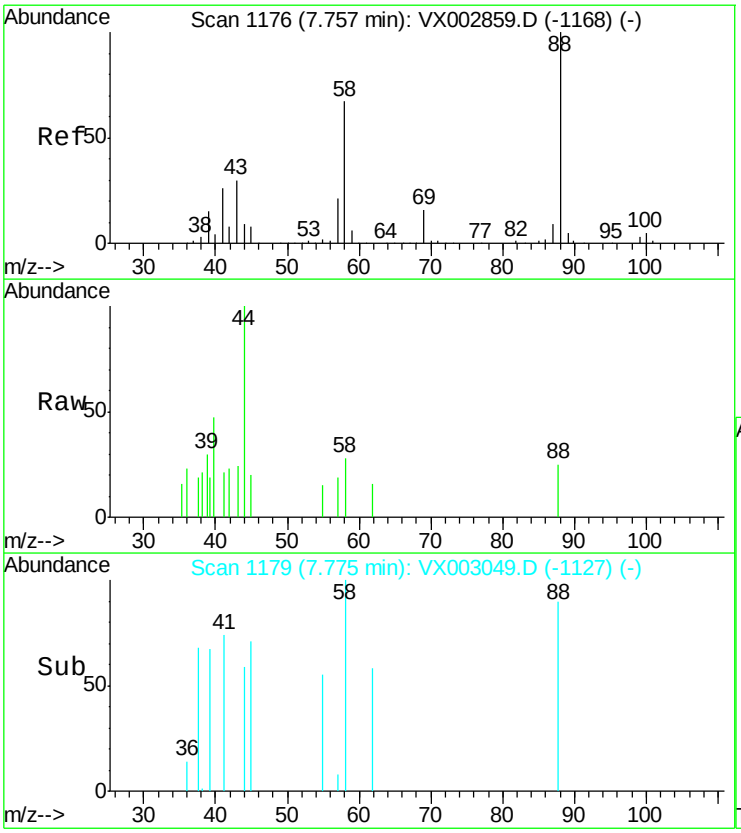
#44
Trichloroethene
Concen: 1.10 ug/l
RT: 7.21 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX003049.D
Acq: 30 Jun 2018 00:43

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:130 Resp: 3959

Ion	Ratio	Lower	Upper
130	100		
95	85.8	0.0	185.4

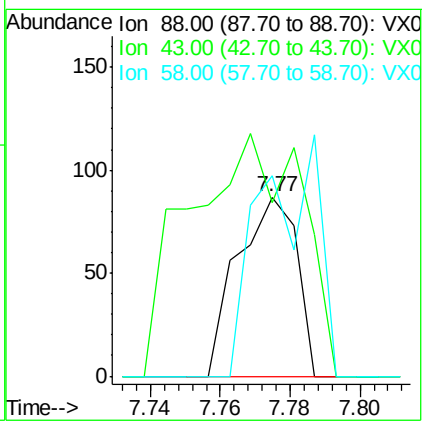


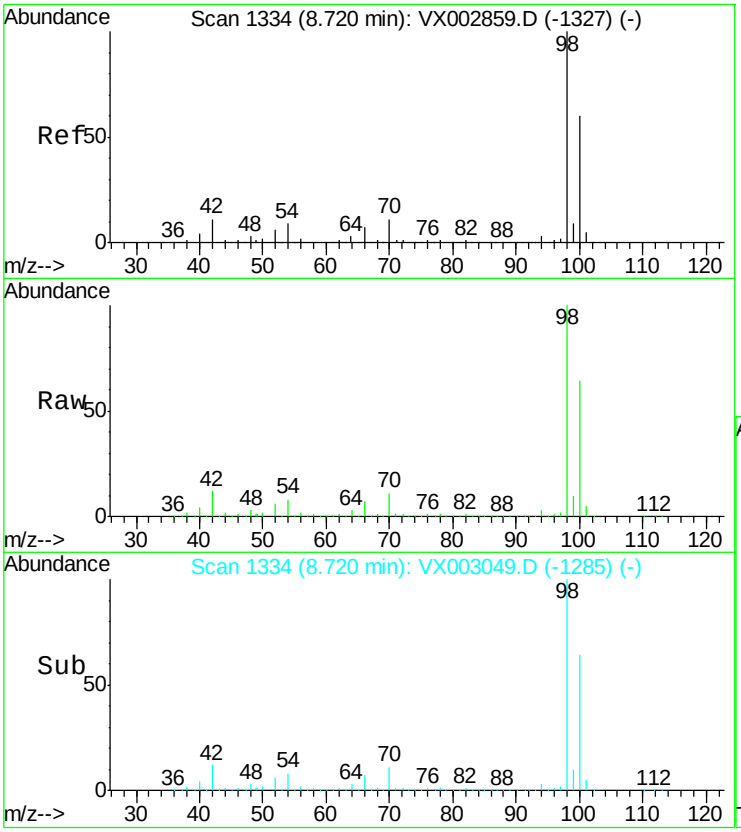


#49
1,4-Dioxane
Concen: 1.36 ug/l
RT: 7.77 min Scan# 1179
Delta R.T. 0.02 min
Lab File: VX003049.D
Acq: 30 Jun 2018 00:43

Tgt Ion: 88 Resp: 102

Ion	Ratio	Lower	Upper
88	100		
43	257.8	29.8	44.6#
58	128.4	57.1	85.7#



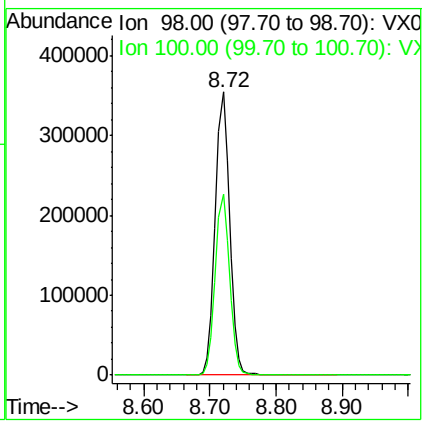


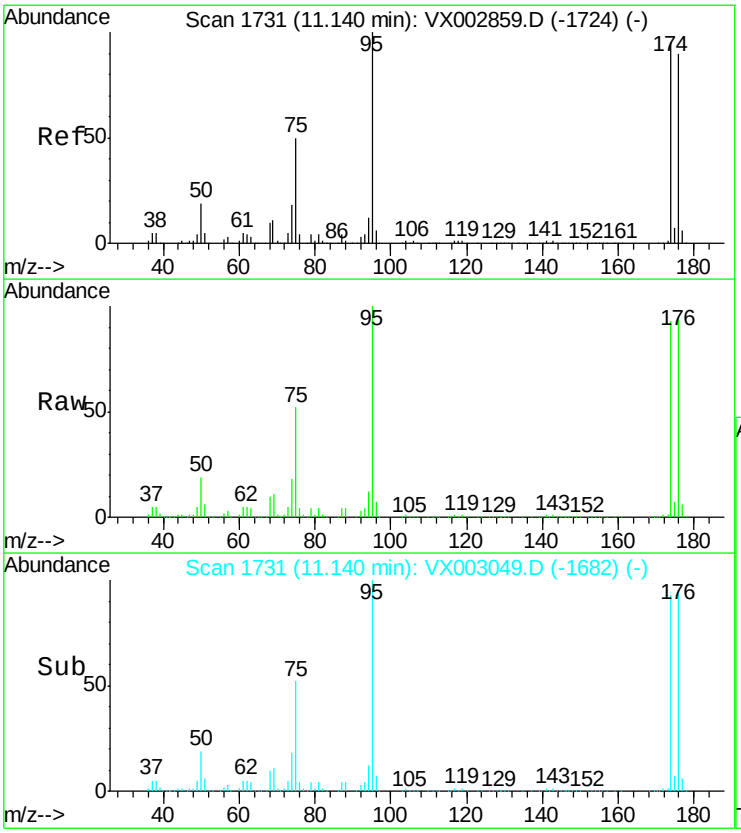
#50
Toluene-d8
Concen: 48.68 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003049.D
Acq: 30 Jun 2018 00:43

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 532937

Ion	Ratio	Lower	Upper
98	100		
100	63.6	50.9	76.3

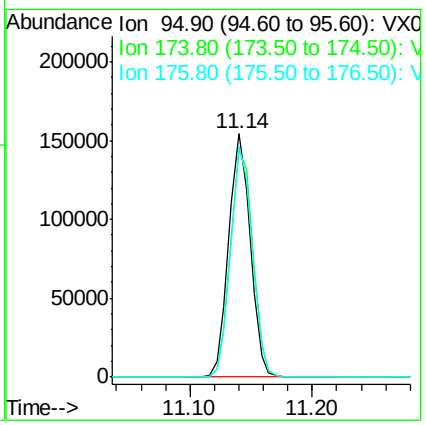


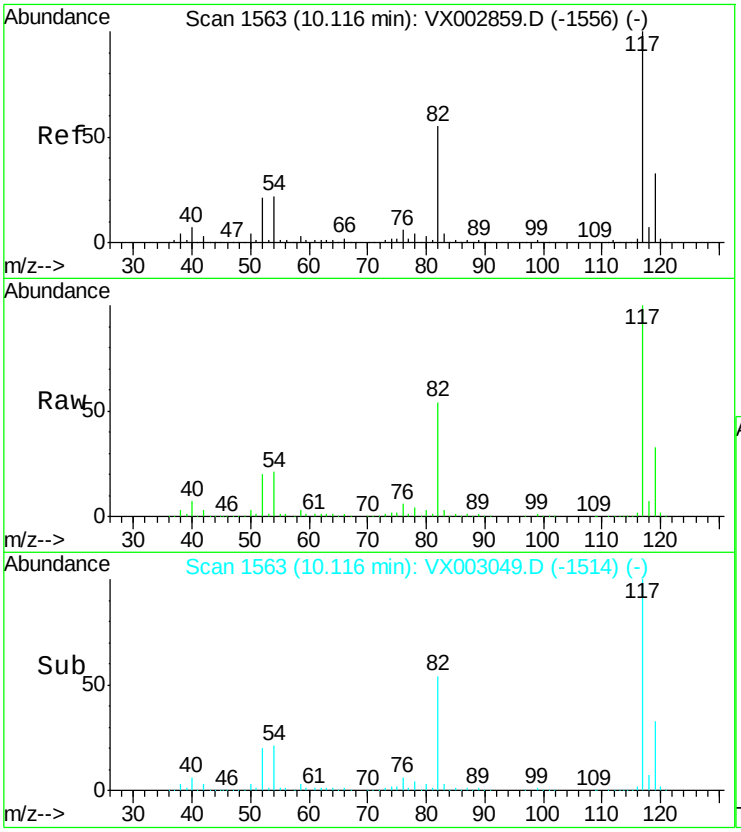


#62
4-Bromofluorobenzene
Concen: 44.19 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003049.D
Acq: 30 Jun 2018 00:43

Tgt Ion: 95 Resp: 186555

Ion	Ratio	Lower	Upper
95	100		
174	97.5	0.0	187.4
176	95.3	0.0	181.0



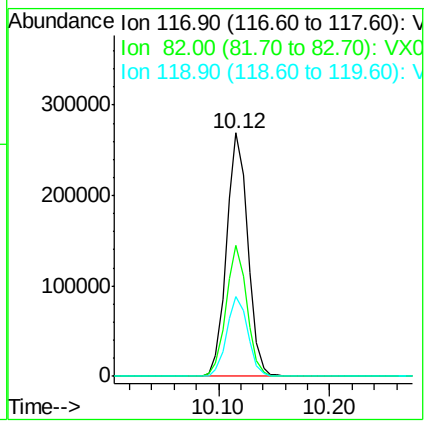


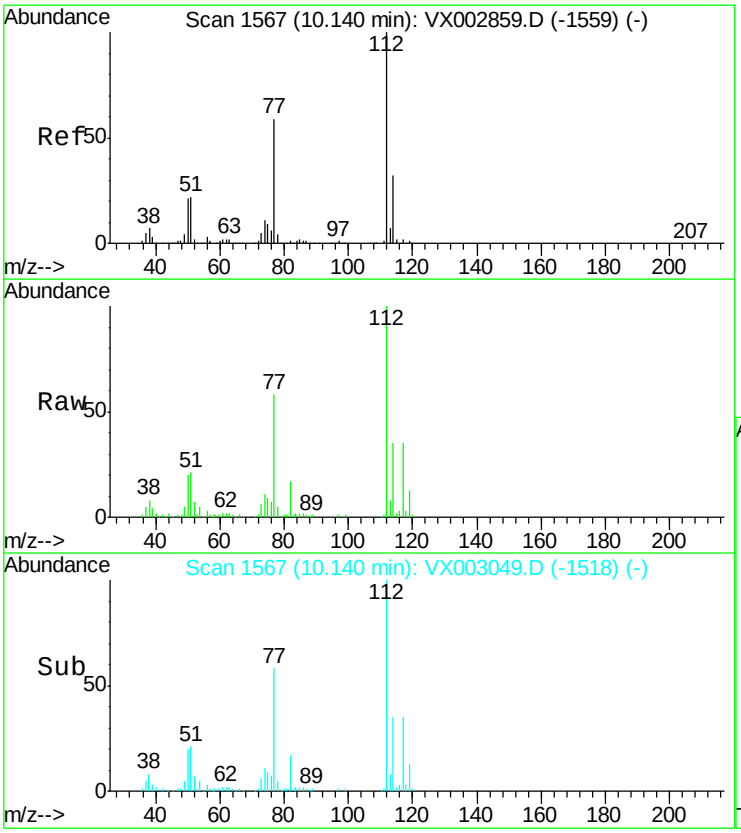
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003049.D
Acq: 30 Jun 2018 00:43

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 355089

Ion	Ratio	Lower	Upper
117	100		
82	53.7	45.0	67.4
119	33.0	25.8	38.6

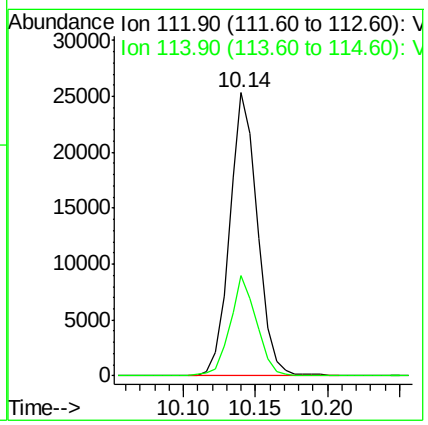


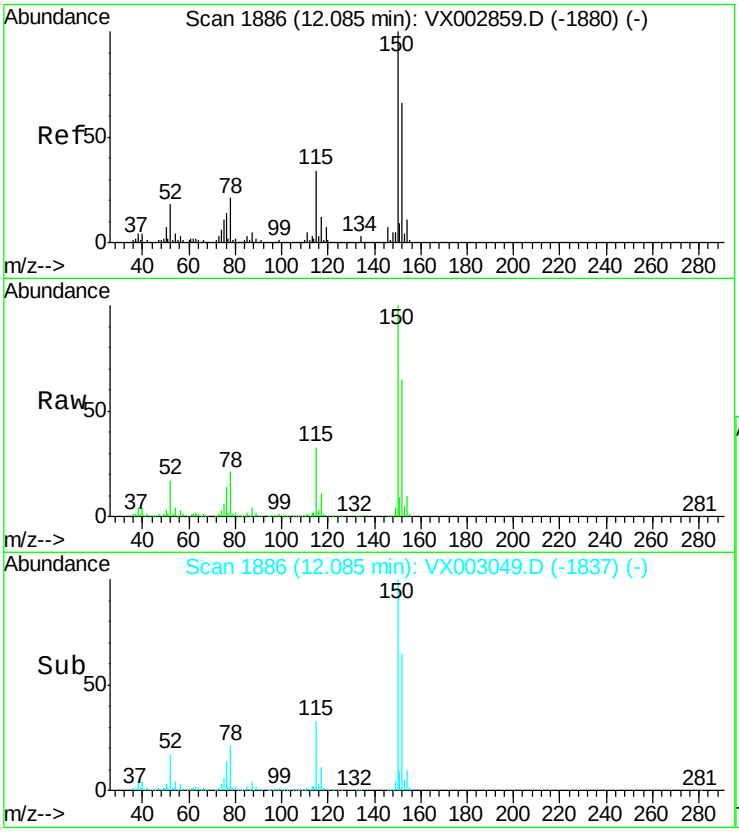


#65
Chlorobenzene
Concen: 3.79 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX003049.D
Acq: 30 Jun 2018 00:43

Tgt Ion:112 Resp: 34168

Ion	Ratio	Lower	Upper
112	100		
114	35.4	25.3	37.9



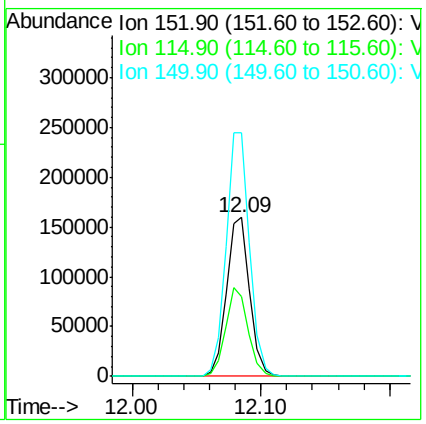


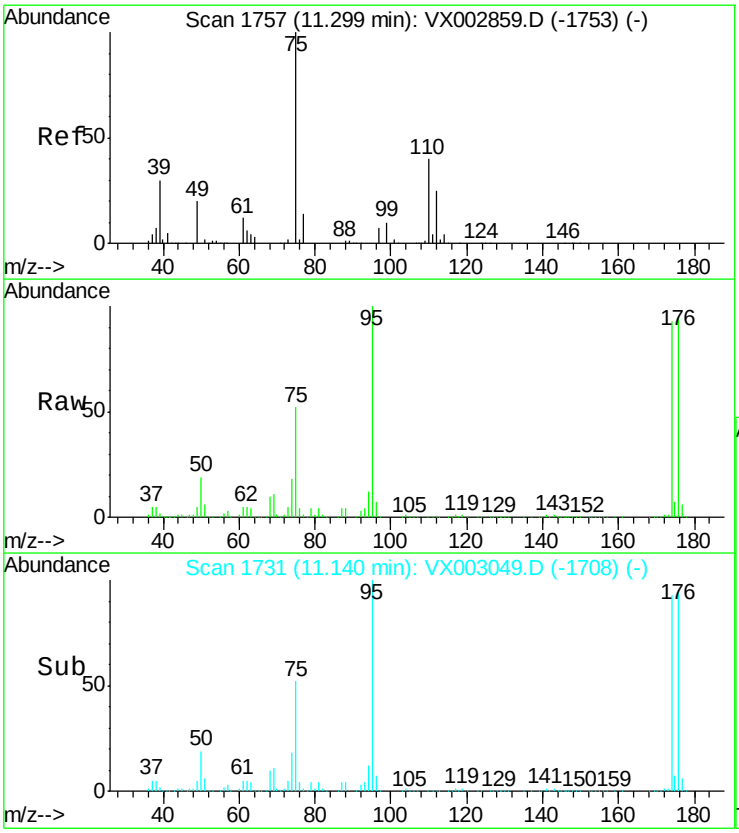
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX003049.D
Acq: 30 Jun 2018 00:43

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 200403

Ion	Ratio	Lower	Upper
152	100		
115	54.5	40.1	120.2
150	155.5	0.0	347.2

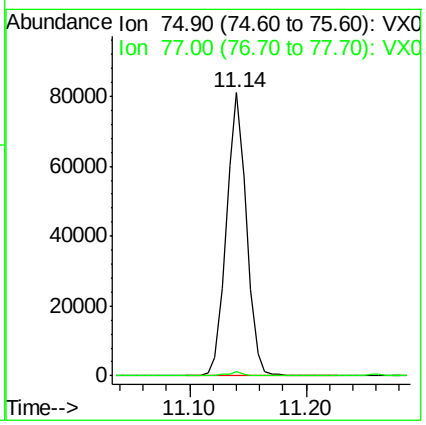


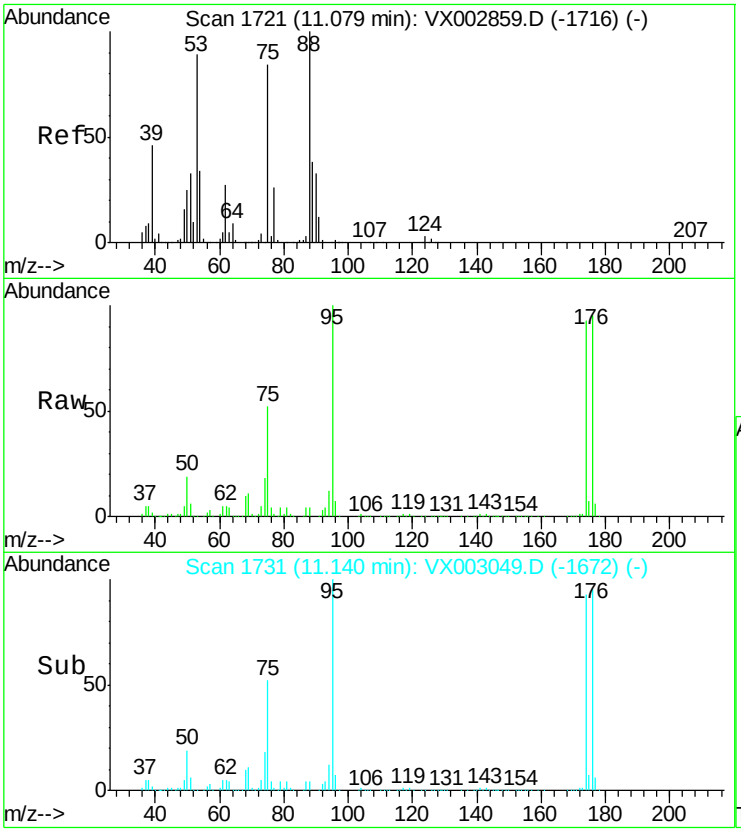


#76
1,2,3-Trichloropropane
Concen: 26.57 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX003049.D
Acq: 30 Jun 2018 00:43

Tgt Ion: 75 Resp: 96442

Ion	Ratio	Lower	Upper
75	100		
77	1.4	22.8	68.3#



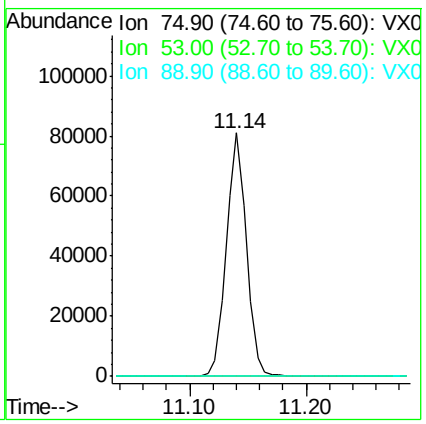


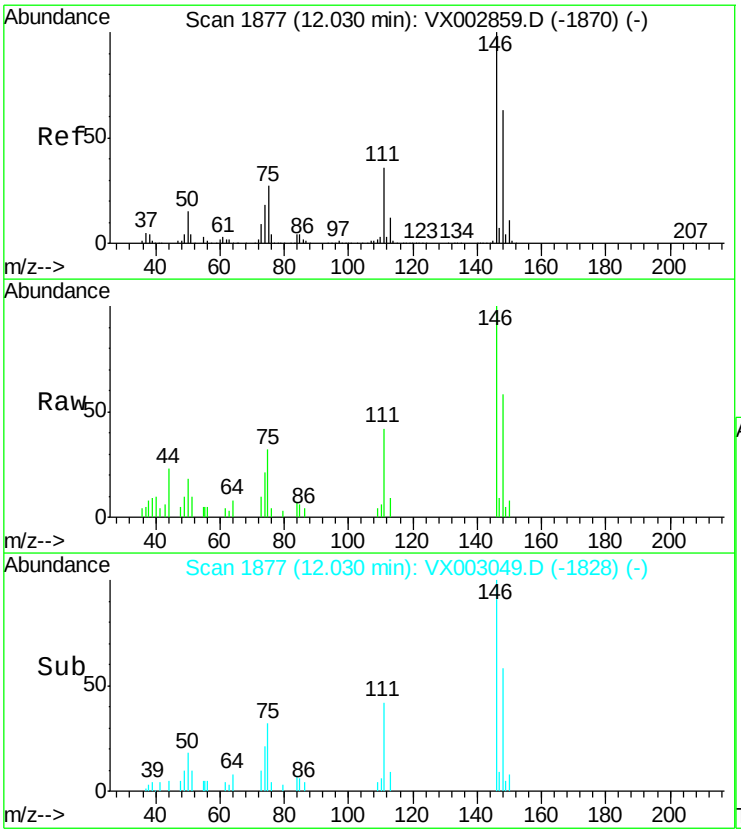
#81
trans-1,4-Dichloro-2-butene
Concen: 75.26 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX003049.D
Acq: 30 Jun 2018 00:43

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 96442

Ion	Ratio	Lower	Upper
75	100		
53	0.3	86.8	130.2#
89	0.0	38.2	57.2#

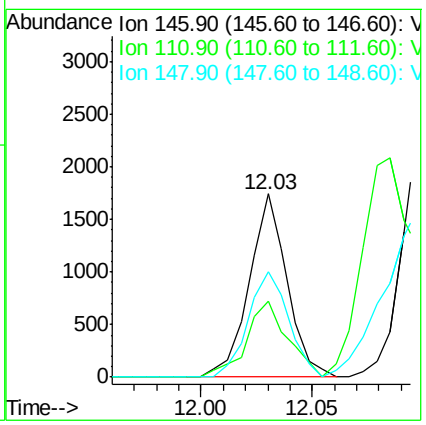


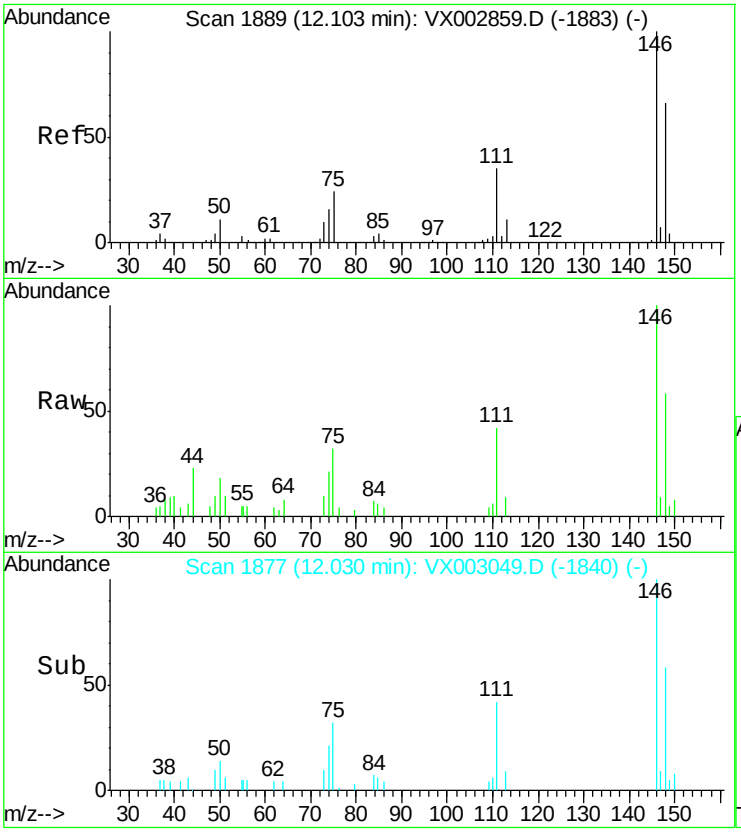


#87
1,3-Dichlorobenzene
Concen: 0.29 ug/l
RT: 12.03 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX003049.D
Acq: 30 Jun 2018 00:43

Tgt Ion:146 Resp: 2062

Ion	Ratio	Lower	Upper
146	100		
111	45.1	18.9	56.7
148	61.3	32.1	96.3



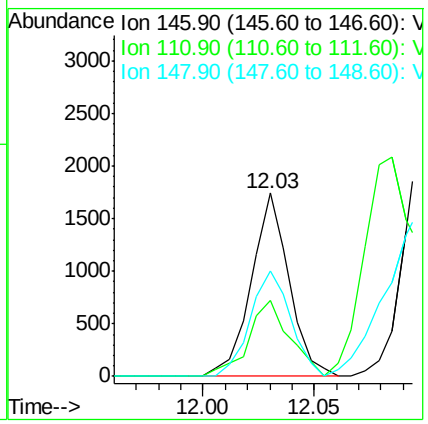


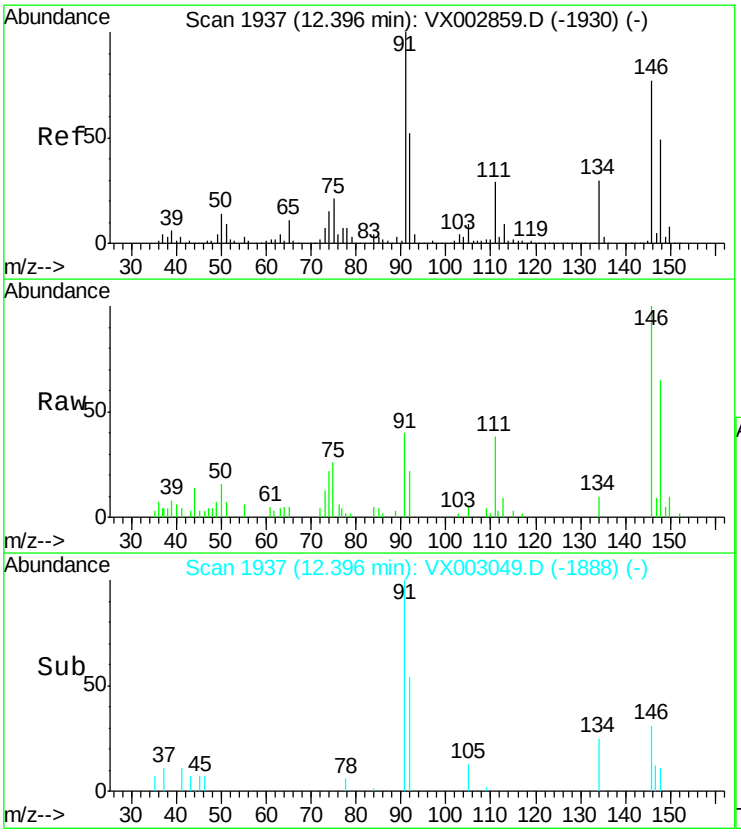
#88
1,4-Dichlorobenzene
Concen: 0.29 ug/l
RT: 12.03 min Scan# 1877
Delta R.T. -0.07 min
Lab File: VX003049.D
Acq: 30 Jun 2018 00:43

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:146 Resp: 2062

Ion	Ratio	Lower	Upper
146	100		
111	45.1	18.7	56.1
148	61.3	32.4	97.0

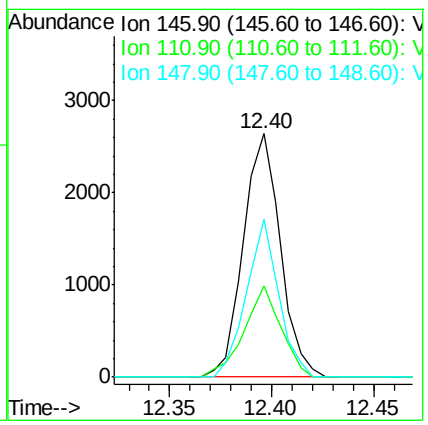


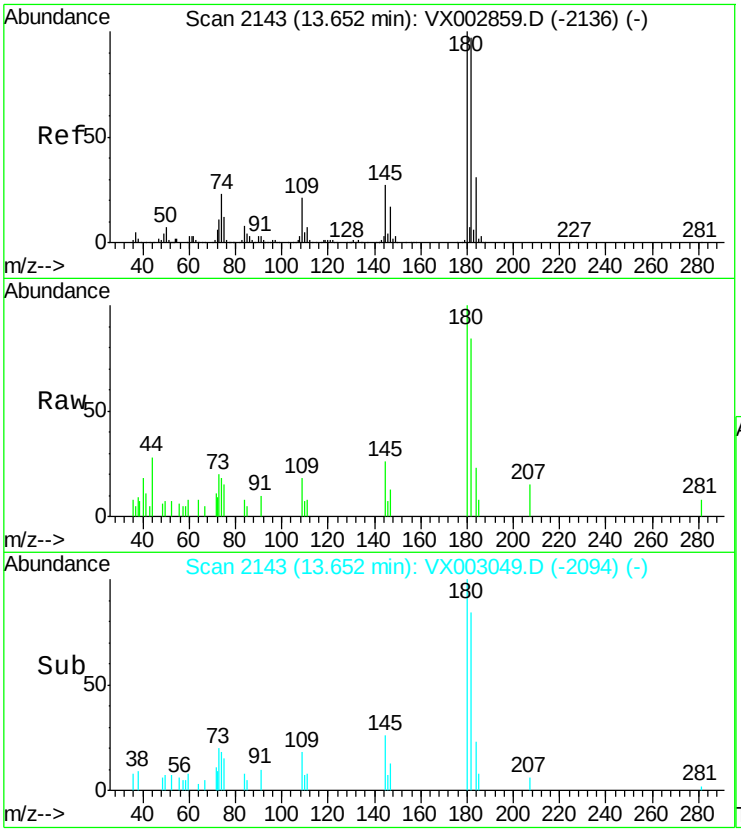


#91
1,2-Dichlorobenzene
Concen: 0.47 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX003049.D
Acq: 30 Jun 2018 00:43

Tgt Ion:146 Resp: 3332

Ion	Ratio	Lower	Upper
146	100		
111	37.4	19.4	58.1
148	56.8	31.7	95.1



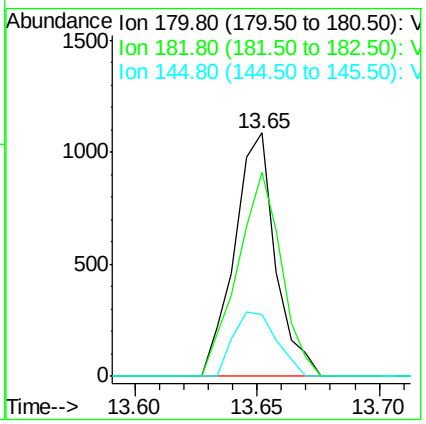


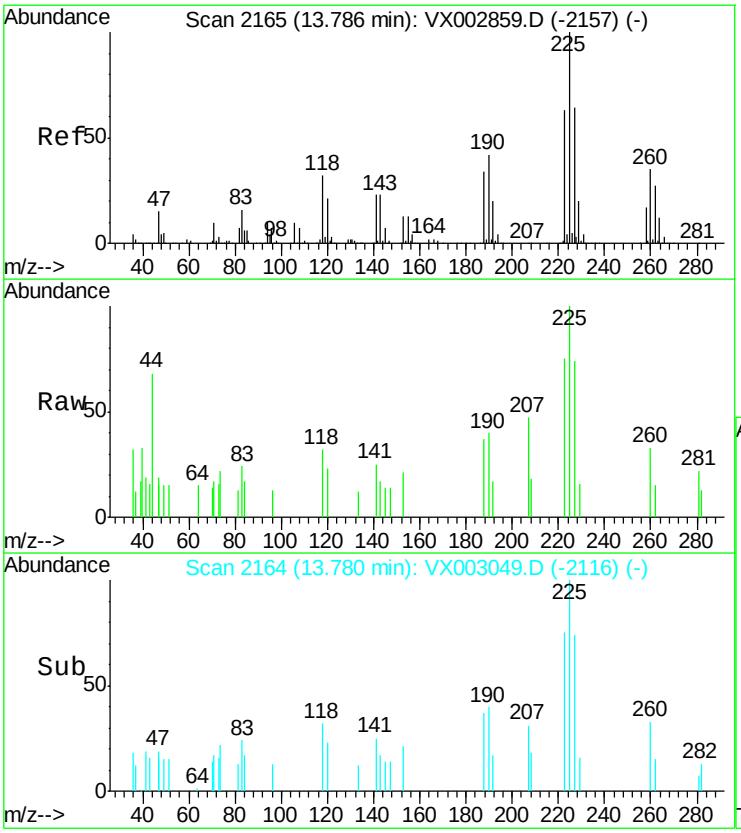
#93
1,2,4-Trichlorobenzene
Concen: 0.25 ug/l
RT: 13.65 min Scan# 2143
Delta R.T. -0.00 min
Lab File: VX003049.D
Acq: 30 Jun 2018 00:43

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:180 Resp: 1270

Ion	Ratio	Lower	Upper
180	100		
182	89.5	47.7	143.1
145	27.8	14.1	42.4

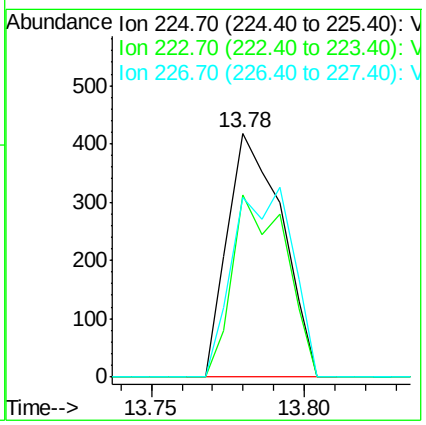


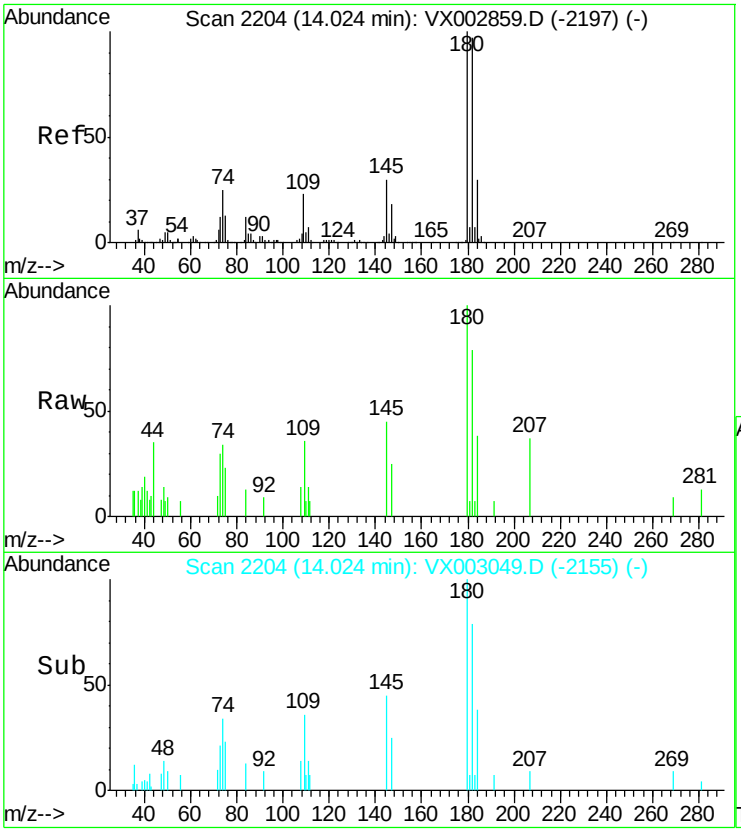


#94
Hexachlorobutadiene
Concen: 0.20 ug/l
RT: 13.78 min Scan# 2164
Delta R.T. -0.01 min
Lab File: VX003049.D
Acq: 30 Jun 2018 00:43

Tgt Ion:225 Resp: 515

Ion	Ratio	Lower	Upper
225	100		
223	73.2	31.6	95.0
227	84.7	32.4	97.2





#96
1,2,3-Trichlorobenzene
Concen: 0.22 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX003049.D
Acq: 30 Jun 2018 00:43

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:180 Resp: 1121

Ion	Ratio	Lower	Upper
180	100		
182	81.2	48.0	144.0
145	31.1	14.8	44.3